



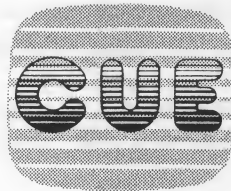
**Computer
Using
Educators**
inc.

FOURTH ANNUAL FALL CONFERENCE

**CLASSROOM
APPLICATIONS
OF COMPUTERS**

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A Word About CUE

Computer-Using Educators, Inc. is a non-profit California corporation founded by teachers in 1978. The goal of the organization is assisting the promotion and development of instructional uses of computers in all disciplines and at all educational levels from pre-school through college. **CUE** facilitates communication among its members with quality publications and timely, well-organized meetings and conferences. The **CUE Newsletter** is published bi-monthly and carries news and information for educators at all levels. Two major statewide conferences each year are sponsored by **CUE** and one or more smaller regional conferences are supported. In conjunction with the San Mateo County Office of Education, **CUE** cosponsors SOFTSWAP. SOFTSWAP has gathered an impressive collection of donated software available for copying at TEC Centers in the State of California or by mail order for a small fee.

CUE now has well over 6,000 members throughout the United States, Canada and several foreign countries. Despite its international membership, **CUE** has chosen to focus its attention on the needs and interests of California Educators. **CUE** is affiliated with the International Council for Computers in Education (ICCE) and supports that group as the international umbrella group representing educators who use computers. ICCE publishes *The Computing Teacher* as well as many brochures and booklets on the subject of educational use of computers. ICCE also sponsors the annual National Educational Computing Conference held each year in June.

CUE's work is accomplished almost entirely by volunteers. Prices of conferences, newsletters and membership are kept low by a steady stream of willing workers. Participants gain as much as they give to this unusual, supportive and productive organization. New people are always welcome to participate. Those interested should contact the local educational computing group affiliated with **CUE**, Inc. If help is needed in locating such a group or in locating other **CUE** members in an area, contact **CUE**, Inc., Box 18547, San Jose, California 95158. While **CUE**, Inc. suggests that individuals affiliate with a local group if one exists, all are welcome to participate in **CUE** activities with individual memberships. In fact, the computer-using educators group in the San Francisco Bay region is a loosely affiliated group of individuals from several Northern California counties. It is this group which produces the Fall **CUE** Conference each year.

Formal responsibility for **CUE**, Inc. is vested in a five member Board of Directors. This Board soon will be expanded to seven members to broaden **CUE** representation throughout the State. The Board takes its direction from informal meetings with groups of members as well as from feedback from affiliated groups. **CUE**, Inc. is recognized throughout the United States as a pioneering and most effective group representing computer-using educators in California. **CUE**, Inc. members' opinions and assistance are sought by representatives of industry and government in California and throughout the U.S. Your membership in **CUE** gives you a voice in what happens in the use of computers in schools!

Please Read This For Your Convenience

- Helpful directional signs will be placed on all approaches to Independence High School and student guides will be available to assist you. Restrooms and pay telephones are available at several locations on the campus.
- Uniformed security personnel will be on duty in the Independence High School parking areas from 12:00 to 5:00 on Friday, October 7, and from 8:00 to 4:00 on Saturday, October 8.
- Registration packets will be available for those who have pre-registered at the following times and locations:

Friday	8:30-9:30	Le Baron Hotel Lobby
	1:00-2:00*	Independence High School Main Office
	5:00-7:30	Le Baron Hotel Lobby
Saturday	8:00-10:00*	Independence High School Gymnasium

*On-site registration for those not able to pre-register will be available at these times.

- Persons wishing to leave baggage, hardware, or other personal belongings in an enclosed, attended area during the Conference on Saturday, may do so by filling out a claim check. Inquire at the registration table for details.
- Please do not bring students or children to the Conference.
- Please wear your name tag at all Conference activities.

Schedule of Events

FRIDAY — October 7, 1983

- 8:30–9:00 Registration for **Pre-Conference**
Le Baron Hotel, San Jose, CA
- 8:30–9:30 Registration Packets available for those pre-registered for **main conference**
Le Baron Hotel
- 9:00–1:00 Pre-Conference Sessions
PLANNING: THE KEY TO MICRO-COMPUTER USE IN THE SCHOOLS
- 9:00–3:00 Site Visits
- 9:30–3:30 Field Trips
- 1:00–2:30 Registration packets available at Independence High School
- 1:00–4:00 Workshops
- 1:30–4:30 Special Events at Independence High School

Friday Evening

Note: Friday Evening activities will be held at:

Le Baron Hotel
1350 North First Street
San Jose, CA 95112

- 5:00–7:30 Distribution of Registration Packets
- 6:00–7:00 **Pre-Banquet Social Hour**
All banquet registrants will receive tokens for two beverages courtesy of **CUE**
- 7:00–8:00 **Banquet Dinner**
The banquet features a steak entree with table wines provided through Random House
- 8:15–9:00 Keynote address: Dr. Harvey Long
"Computer Applications in the 'Classroom' ... Reflections and Projections"
Dr. Long is Educational Applications Consultant for IBM

SATURDAY — October 8, 1983

All Saturday activities will be held at:

Independence High School
1776 Educational Park Drive
San Jose, CA 95133

- 8:00–10:00 **Registration**
Independence Field House
Gymnasium Foyer
(Coffee, tea, juice, and rolls provided)
- 8:00–3:00 **Exhibit Hall**
Independence Field House

Speaker Sessions

- 9:00–9:50 Session 1
- 10:00–10:50 Session 2
- 11:00–11:50 Session 3
- 12:00–12:50 Session 4
- 1:00–1:50 Session 5
- 2:00–2:50 Session 6
- 3:00–3:50 Session 7

Lunch will be served from 10:30 until 2:30

- 4:00–5:00 **Wine and Cheese Social**
Overfelt Park, adjoining the Independence High School Campus.
Attendance limited to pre-registered ticket holders.

Conference for School Policy Makers and Planners

“Planning: The Key to Microcomputer Use in the Schools”

Le Baron Hotel, San Jose, CA
October 7th

*CUE gratefully acknowledges the work of Educational Microcomputer Associates
in the planning of the special Pre-Conference activities.*

Schedule

8:30–9:00 **Registration**

9:00–10:00 **Opening Keynote Sessions**

School Board Session: Dr. Linda Roberts
Department of Education, Washington, DC

Administrators Sessions: Dr. William J. Zachmeier, Consultant
Cupertino Union School District

10:00–12:00 **Forums**

Integrating Computers into the Curriculum: Models for District Planning

This forum is chaired by Larry Hannah, CSUS, who has helped school districts implement curriculum plans involving microcomputers and computerized bulletin boards. He and the other panelists will discuss model plans for secondary and elementary districts.

Legislation

This forum is co-chaired by Phil Daro and Wendy Harris of the California State Department of Education. The chairpersons and the panel will discuss current and future legislation that will affect the plans of policy makers in implementing microcomputers in the schools.

Staff Development Models: An Essential Step Toward Success

This forum is chaired by Bobby Goodson, President of CUE and the Computer Resource Teacher of the Cupertino Union School District. She and other panel members will discuss a variety of options for staff development. The models presented will be applicable as plans for districts or regions (counties or larger educational areas).

Models of Cooperation Between Industry and Education

Laura Stern, California School Boards Association, chairs this forum whose members represent industry and educational groups throughout the state. They will present models of cooperative efforts between industry and education from urban to rural communities.

Evaluating the Effectiveness of Microcomputers in the School

This forum is chaired by Jane Nissen Laidley, CEO of People's Computer Company, Inc. The forum members will present current information evaluating the impact of microcomputers on the schools.

12:00–1:30 **Luncheon — “Future Trends in Education”**

Robert L. Enenstein, EMA Inc., Presider

Bobby Goodson, President of CUE, Welcoming remarks

Dr. Chris Dede, University of Houston, Featured Speaker

1:30–4:30 **Site Visits or Sessions at Independence High School**

Special Events

Friday Afternoon

Independence High School

"Special" Special Events — 2:00 to 4:00

Computer Literacy

Arthur Luehrmann, Computer Literacy

Jeff Levinsky, Interactive Sciences, Inc.

Dr. Albert Lowe, Darryl L. Sink and Associates

Don Rawitsch, Minnesota Educational Computer Consortium

A panel of experts will define the term, present the arguments pro and con for a separate course versus the infusion-into-the curriculum model and discuss the many issues related to the subject of computer literacy.

Room: A Commons

Computer Education — 1990

Bob Enenstein, Educational Microcomputer Associates

Christopher Dede, University of Houston, Clearwater

Henry Ingle, Project BEST

A panel of prognosticators look at emerging trends in education, technology and society.

Room: B Commons

Getting Started: What Are My Options?

Bobby Goodson, President, CUE

Panel discussion will describe specific implementation models of contrasting styles (K-12, K-8, 9-12, classroom use, lab use, etc.) followed by lively discussion.

Room: C Commons

Structured BASIC Programming

Herb Peckham, Computer Literacy

For people who know some BASIC programming, this session will describe a top-down approach to basic programming using structured concepts.

Room: D-31

Logo Without Computers

Session will be presented at 2:00 and repeated at 3:00

David D. Thornburg, Friends of the Turtle

Many of the benefits of Logo can be gained by children with no access to a computer. Teachers will be shown how to use puppets, graph paper, mosaic blocks and other easily obtained aids to teach programming style, Turtle graphics, robot control and geometry.

Room: D Commons

Special Events — 2:00 to 3:00

Bulletin Boards for Inter-School Communications

Larry Hannah, CSU, Sacramento

Keith Von Borstel, CSU, Sacramento

El Dorado County Office of Education bulletin board system will be demonstrated showing how to get schools, teachers and administrators communicating with one another using microcomputers.

Room: A-30

Computer Services Available from California State Universities

Pamela A. Wright, CSU, Sacramento

The 19 campuses and computer centers of CSU provide a statewide computer network which is available to K-12. These services, in part, provide education courseware, the ability to communicate with all system users, create files, access software evaluations, and provide authoring capabilities as well as courses for credit for teachers, administrators and advanced high school students.

Room: A-23

Scheduling, Attendance and Grade Reporting

Dan Isaacson, School and Home Courseware, Inc.

Administrators can keep better control and waste less time with a micro in the school office. *A commercial presentation.*

Room: A-26

Administrative Uses of Microcomputers

Harvey Barnett, Stevens Creek School, Cupertino

This session will introduce you to commercial software for use in administrative applications. Mr. Barnett will share programs that are easy to use, which make management tasks more efficient, student progress more effective and the computer more fun for administrators.

Room: A-25

Networked Curriculum Management in Schools

Eugene Coverdill, Computer Networking Specialists

David Dressler, Computer Networking Specialists

This is a demonstration of a diagnostic-prescriptive curriculum management system capable of handling up to 2,800 students, 5 subjects and 256 objectives per subject. The package operates on an Apple/Corvus system. It incorporates software from leading publishers. *A commercial presentation.*

Room: A-31

Administrative Software for the School

Marilyn Latham, Scott, Foresman and Company

Cut costs of administration and streamline procedures by computerizing administrative functions on the microcomputer. *A commercial presentation.*

Room: A-33

Statewide Survey on the Status of Microcomputers

Bill Padia, California State Department of Education

A statewide stratified random sample of 1,100 schools was sent a questionnaire in May, 1983, to obtain information on microcomputer hardware, software, assistance, applications, etc. The findings from the study will be presented.

Room: B-25

Right-Left Brain Teaching: Strategies and the Computer

Don Curry, Grace M. Davis High School, Modesto

Kirby Kemp, Corte Madera School, Portola Valley

This session discusses computer curriculum development enhanced by right-left brain teaching strategies.

Room: B-28

Random House — Computer Motivated Learning Lab

Bill Jarrett, Random House, Inc.

A nationally validated curriculum in reading and mathematics has been integrated into the lab. The power of the computer motivates and implements learning. *A commercial presentation.*

Room: B-30

Creativity, the Computer and English

Dick Tingey, Carlmont High School, Belmont

Courseware, ideas and techniques that use the computer to help develop creativity in English classes will be presented.

Room: B-32

Computers in Language Arts

Barbara Clark, Bakersfield City Schools

This presentation will show how computers can be used in language arts programs.

Room: B-35

LOGO: Turtle Graphics and Beyond-Infusion Into the Curriculum

Joan Peart, Compulearn

Diane Hollister, Compulearn

See what the teacher can do in a regular classroom setting. Presentation will include Turtle graphics, math applications, listing, print and word-processing capabilities. There will be worksheets and hand-outs in each area. *A commercial presentation.*

Room: B-33

Getting Your Hands on LOGO

Evelyn Dale, UC Davis and CSU Sacramento Extensions, California State Department of Education

This is a hands-on introduction to Apple LOGO. Participants will explore the Turtle's microworld and learn to write and run LOGO programs.

Room: Career Center Lab

Using Micros to Meet the Learning Needs of Special Education Students

DeForest Strunk, University of San Diego

Carole Tennebaum, Ramona School District

Sally Henry, University High School, San Diego

An update of current status of Computer Use in Special Education will be presented.

Room: B-34

Special Events continued —

The "Write" Help for Student Writers

Margaret Riel, UC, San Diego

Barbara Miller Souviney, UC, San Diego

This session will present a description of how the interactive capability of the computer was integrated with reading and writing programs in two different settings — a regular classroom and 'mental gym' for students with learning difficulties. *A commercial presentation.*

Room: B-31

Special Events — 3:00 to 4:00

Retrieving High School Drop-Outs with Computers

Pamela A. Wright, CSU, Sacramento

The California State University PLATO project has proven to be a highly successful means of retrieving the truant/drop-out population by means of an independent study program based on computer based education. The average daily attendance generated makes a computer center possible and provides these services to other student populations.

Room: A-28

Personal Filing System School Management Software

Leslie Larson, Software Publishing Company

This presentation will be a demonstration of school administration software for the Apple and IBM. *A commercial presentation.*

Room: B-37

Helping Computers Multiply: Creative Fundraising

Elizabeth Warm, Rim of the World Unified School District

Explore techniques to analyze your fundraising potential to develop an effective plan, to locate contributors and to design strategies for successful fundraising. Share in an idea-network between participants.

Room: A-35

Assistance and Resources from the State Department of Education

Wendy Harris, California State Department of Education

(1) Where to call for various types of information from the State Department, and (2) state-level resources available in 1983-84 for assistance in planning and implementing computer education activities.

Room: A-32

How Do I Know Good Software When I See It?

Dan Isaacson, School and Home Courseware, Inc.

Presentation will include a demonstration of software and features to look for when evaluating software.

Room: A-26

Microcomputer Management System Demonstration

Bill Jarrett, Random House, Inc.

A classroom management system that can be customized to your curriculum will be demonstrated. *A commercial presentation.*

Room: B-30

Which Computer Is For You?

Sally Anthony, San Diego State University

For the beginner, how to decide what you need, what software to look for, what to ask the hardware salesman and what it will cost.

Room: A-34

Comparison of Language Learning: Computer vs Paper and Pencil

Ina Katz, UC, Riverside

Cora Scherba, UC, Riverside

Research replicates work done on first grade students to determine factors affecting learning language. This study adds dimensions of drill and practice with computers to research findings.

Room: A-36

TOPO and BIG TRAK Meet LOGO

Harvey Barnett, Stevens Creek School, Cupertino

How do robots fit into a computer program? TOPO and BIG TRAK are tools that can help introduce children to LOGO. Participants will have the opportunity to work with TOPO and BIG TRAK using the same process children would use.

Room: A-25

Some Questions About Computers

Thomas C. O'Brien, Southern Illinois University

Half lecture-demonstration, half response from participants, this session will raise (and resolve?) some questions about present-day education. One such question: what should happen to the present school curriculum given the widespread availability of computers in homes and schools?

Room: A-37

Chemistry Software — Public Domain

Vicki Wendell, Oak Grove High School, San Jose

An opportunity will be provided for chemistry teachers to try out software developed at the Dreyfus Institute, Princeton University during 1982 and 1983. This is all public domain material.

Room: Career Center Lab

Making the Apple Computer Accessible to Blind Children

Susan H. Phillips, Sensory Aids Foundation

A review will be presented of the current progress made on adapting off-the-shelf educational software with the ECHO II and Type-N-Talk speech synthesizers for blind children.

Room: A-27

Language Arts Beyond Drill and Practice

Irene Thomas, UC, Irvine

Owen Thomas, UC, Irvine

This session will present a projection of the "ideal" writing skills program and what it will mean to the language arts curriculum; a brief demonstration of the Thomas' current work in sentence combining, spelling and ESL. *A commercial presentation.*

Room: B-36

Teaching the Two Literacies

Sheila Gold Jordan, Strandwood Elementary School, Pleasant Hill

A presentation of how to use the word processor to help children with their pre-write, first draft and revision work. Also, how this approach can be combined with a computer literacy program.

Room: B-27

College Credit for Conference Attendance

Persons attending the CUE Fall Conference for a minimum of ten hours are eligible to apply for 1.0 Continuing Education Units through San Jose State University. You must attend at least one Friday activity to accumulate ten hours of Conference time. If you are interested, you may either sign up and pay the fee of \$21.00 at the SJSU table at the Le Baron Hotel on Friday evening, or you can mail the fee to:

Department of Continuing Education
San Jose State University
San Jose, CA 95192

Be sure to indicate that the fee is for credit for the CUE Fall Conference. Advance mail registration will speed your progress through the line on Friday evening.

Workshop Exhibitors

American Education Computer, Inc.
245 Embarcadero Way
Palo Alto, CA 94303
Attn: Jim Kough

Centurion Industries, Inc.
167 Constitution Drive
Menlo Park, CA 94025
Attn: Helen Straka

Commodore Computers
3824 Cougar Place
Modesto, CA 95356
Attn: Jim Bussey

E.I.S.I.
2225 Grant Road, Suite #3
Los Altos, CA 94022
Attn: Robert Adams

Educomp Systems, Inc.
3487 Greer Road
Palo Alto, CA 94303
Attn: Terry Merz

Formic Videotex Systems
8571 St. Venis St.
Montreal, Quebec, Canada H2P 2H4
Attn: Francois Toupin

Hartley Courseware, Inc.
P.O. Box 431
Dimondale, MI 48821
Attn: Rosie Bogo

McGraw-Hill/Webster Division
8171 Redwood Highway
Novato, CA 94947
Attn: Perry Colton

Milliken Publishing Company
1100 Research Blvd.
St. Louis, MO 63132
Attn: Bodie Marx

National Instructional Systems
P.O. Box 1177
Huntington Beach, CA 92646
Attn: Paul Kupsh

PC Computers
10166 San Pablo Avenue
El Cerrito, CA 94530
Attn: Steve Kastez

Powell Associates, Inc.
3724 Jefferson, #205
Austin, TX 78731
Attn: Carmen J. Finley

Radio Shack
1291 E. Hillsdale Blvd.
Foster City, CA 94404
Attn: Patricia McDonald

SRA
1515 Willowdale Drive
San Jose, CA 95118
Attn: Jim Pors

Skillcorp Software, Inc.
1711 McGaw Avenue
Irvine, CA 92714
Attn: George Campbell

SWI International Sys
7741 E. Gray Road, #2
Scottsdale, AZ 85260
Attn: Jon Hammond

Syntauri Corporation
4962 El Camino, #112
Los Altos, CA 94022
Attn: Chris Connor

Telos Software Products
3420 Ocean Park Blvd.
Santa Monica, CA 90405
Attn: George Bigham

Terrapin, Inc.
380 Green Street
Cambridge, MA 02139
Attn: Jock McClees

Booth Exhibitors

Acess Computers
5357 Prospect Rd
San Jose, CA 95129
Attn: Sue Oaks

Addison Wesley
2725 Sandhill Road
Menlo Park, CA 94025
Attn: Sonja Levinger

American Educational Computer, Inc.
2450 Embarcadero Way
Palo Alto, CA 94303
Attn: Bill Harvey

Anchor Pad of Northern California
1255 Post Street, #723
San Francisco, CA 94109
Attn: Thomas Smith

Androbot
101 E. Daggett Drive
San Jose, CA 95134
Attn: Elaine Haggan

Antic
600 18th Street
San Francisco, CA 94107
Attn: James Capparell

Atari, Inc.
1399 Moffett Park Drive
Sunnyvale, CA 94088
Attn: Fred Elia

Borg-Warner Educational Systems
36945 Sundale Drive
Fremont, CA 94538
Attn: Brent Javine

Brooks/Cole Publishing Company
555 Abrego Street
Monterey, CA 93940
Attn: Mike Needham

CAPS Software
4024 Alto Street
Oceanside, CA 92056
Attn: Barbara Ganz

Career Publishing, Inc.
936 N. Main
P.O. Box 5486
Orange, CA 92667
Attn: Jim Pinson

Catch On to Computers
4966 El Camino Real
Los Altos, CA 94022
Attn: Lea Morrison

Centurion Industries, Inc.
167 Constitution drive
Menlo Park, CA 94025
Attn: Helen Straka

Charles W. Clark Co., Inc.
3811 Pinot Court
Pleasanton, CA 94566
Attn: Brent Lovell

Cheapie Software
410 Molimo Drive
San Francisco, CA 94127
Attn: Darrell Crocker

Cognitronics Corp
2715 K Street, #3
Sacramento, CA 95816
Attn: Len Shepard

Commodore Computers
3824 Cougar Place
Modesto, CA 95356
Attn: Cindy Dolms

Computer Directions for Schools
P.O. Box 1136
Livermore, CA 94550
Attn: John Riley

Computers Reading and Language Arts Magazine
P.O. Box 13247
Oakland, CA 94661
Attn: Pauline McGuire

Computer Curriculum Corporation
1070 Arastadero Road
Palo Alto, CA 94303
Attn: Sandy Bulger

Computer Plus
1328 S. Mary Avenue
Sunnyvale, CA 94087
Attn: Janet Barachano

Computer Skill Builders
P.O. Box 42050
Tucson, AZ 85733
Attn: Connie Brown

Computer Technology Consultants
1552 Summit Avenue
Cardiff-by-the-Sea, CA 92007
Attn: Larry Peifer

Creative Publications
P.O. Box 10328
Palo Alto, CA 94303
Attn: Jan Rasmussen

Dale Seymour Publications
160 Constitution Drive
Menlo Park, CA 94025
Attn: William Richardson

Developmental Learning Materials
237 Churchill
Palo Alto, CA 94301
Attn: Jana England

E.I.S.I.
2225 Grant Road
Los Altos, CA 94022
Attn: Robert Adams

ECX Computer Company
2678 N. Main Street
Walnut Creek, CA 94596
Attn: Stan Neilsen

Educational Administration Data Systems
2241 Greenbriar Drive
Springfield, IL 62704
Attn: B. Florian

Educational Microcomputer Associates
P.O. Box 339
Los Altos, CA 94022
Attn: Bob Enenstein

Educational Systems Engineering
2-1645 East Cliff Drive, #40
Santa Cruz, CA 95062
Attn: Jim McCaig

Educational Testing Service
1947 Center Street
Berkeley, CA 94704
Attn: Ingrid Otten

Enrich/Ohaus
2325 Paragon Drive
San Jose, CA 95131
Attn: Henry Goldenberg

Executive Software Programming
1454 Cortland Avenue
San Francisco, CA 94109
Attn: Rick Nielsen

Follett Library Book Company
4506 Northwest Highway
Crystal Lake, IL 60014
Attn: Carol Stone

Formic Videotex Systems
8571 St. Venis Street
Montreal, Quebec, Canada H2P-2H4
Attn: Francois Toupin

Franklin Computer
2128 Rt. 38
Cherryhill, NJ 08002
Attn: Patricia Casey

GBS Enterprises
115 Phelan, #10
San Jose, CA 95112
Attn: Bruce Bowman

Hartley Courseware, Inc.
P.O. Box 431
Dimondale, MI 48821
Attn: Rosie Bogo

Hayden Book Company
250 Coggins Drive, #210
Pleasant Hills, CA 94523
Attn: Walt Kelly

Booth Exhibitors continued —

Heathkit Electronic Center
2350 S. Bascom Avenue
Campbell, CA 95008
Attn: Steve Hummer

Houghton Mifflin-TSC Division
777 California Avenue
Palo Alto, CA 94304
Attn: Margaret Frisbie

Industrial Modules, Inc.
1400 Coleman Avenue, #A12
Santa Clara, CA 95050
Attn: Les Zoltan

J & S Software
140 Reid Avenue
Port Washington, NY 11050
Attn: Jay Grosmark

KayPro

Kennen Publishing Company
150 Shoreline Highway
Mill Valley, CA 94941
Attn: David Riegler

Koala Technologies
6670 S. West Bable Parkway
Portland, OR 97225
Attn: Dave Wagner

Lightning Software, Inc.
P.O. Box 11725
Palo Alto, CA 94306
Attn: Karen Cobb

McGraw-Hill/Webster Division
8171 Redwood Highway
Novato, CA 94947
Attn: Perry Colton

Micro-Sci
2158 S. Hathaway Street
Santa Ana, CA 92705
Attn: Marcia Wood

Milliken Publishing Company
1100 Research Blvd.
St. Louis, MO 63132
Attn: Bodie Marx

National Instructional Systems, Inc.
P.O. Box 1177
Huntington Beach, CA 92646
Attn: Paul Kupsh

Opportunities For Learning
8950 Lurline Avenue
Chatsworth, CA 91311
Attn: Kevin Radke

PC Computers
10166 San Pablo Avenue
El Cerrito, CA 94530
Attn: Steve Kastez

Photo and Sound
116 Natoma Street
San Francisco, CA 94105
Attn: Douglas Michael

Radio Shack
1291 East Hillsdale Blvd.
Foster City, CA 944404
Attn: Patricia McDonald

Random House, Inc.
6 Commercial Blvd.
Novato, CA 94947
Attn: Murrell Peddicord

Reader's Digest Micrcomputer Division
48 Magnolia Street
San Francisco, CA 94123
Attn: Connie Clark

Reston Publishing Company, Inc.
11480 Sunset Hills Road
Reston, VA 22090
Attn: Brian Bentley

S&S Software
P.O. Box 390068
Mt. View, CA 94039
Attn: Dave Sykes

Scan-Tron Corp
P.O. Box 4273
Burlingame, CA 94010
Attn: R. A. Stewart

Scholastic, Inc.
4466 Black Avenue, Suite L
Pleasanton, CA 94566
Attn: Judy Diamond

School & Home Courseware, Inc.
1341 Bulldog Lane, #C
Fresno, CA 93710
Attn: Dan Isaacson

SRA
1515 Willowdale Drive
San Jose, CA 95118
Attn: Jim Pors

Scott, Foresman and Company
855 California Avenue
Palo Alto, CA 94304
Attn: Sid Frame

Softly Speaking
P.O. Box 826
Cupertino, CA 95015
Attn: Christy Stevens

Softsmith Corp
2935 Whipple Road
Union City, CA 94549
Attn: Mei Sun Li

Sterling Swift Publishing Company
7901 South IH-35
Austin, TX 78744
Attn: Wayne Roe

Stokes Publishing Company
1125 Robin Way
Sunnyvale, CA 94087
Attn: Bill Stokes

Sunburst Communications, Inc.
39 Washington Avenue
Pleasantville, NY 10570
Attn: Rita Smaila

SWI International Systems
7741 E. Gray Road, #2
Scottsdale, AZ 85260
Attn: Jon Hammond

Trace Systems, Inc.
1928 Old Middlefield Way
Mt. View, CA 94043
Attn: Jim Page

Vernier Software
2920 SW 89th Street
Portland, OR 97225
Attn: David Vernier

Vidiom Media Supply
500 Airport Blvd., #422
Burlingame, CA 94010
Attn: Jim Kough

Weatherford
1020 S. Arroyo Parkway
Pasadena, CA 91105
Attn: J. Moriarty

West Publishing Company
P.O. Box 4116
Santa Clara, CA 95054
Attn: Deborah Wohlford

Wizard Company
18584 Carlwyn Drive
Castro Valley, CA 94546
Attn: Dale Harder

Art/Music

A-26

"Computer Art by a Non-Artist"

George Brown, Interactive Solutions

Demonstration of how a graphics tablet eases the development of graphic displays.

Computer Literacy

B-31

"Mother Quail Revisited: Lesson Plans That Work"

Suzanne Powers Bailey, Solano County Office of Education

An outgrowth of last fall's CUE conference sessions, "The Mother Quail Syndrome and Teaching Computer Literacy Without a Computer." This session discusses ways to teach about computers using teacher strengths in other curriculum areas, applying a "Madeline Hunter"-type design to lesson plans.

Computer Literacy

A-14

"Computer Literacy as a Staff Development Component: A Model"

Kathleen Anne Decker, Sierra High School

Presentation of a systems approach to designing a staff development component around computer literacy.

Special Education

B-30

"Enhancing Language Skills in Learning-Disabled Students"

Steve Spencer, Morgan Hill Unified School District

The presentation will focus on the unique considerations for using a microcomputer in the special day class, as well as demonstrating various language-centered software.

Reading

A-22

"Computers and Reading"

June Anne Wedesweiler, Santa Ana High School

An introduction to the computer that will cover three topics: What is a microcomputer? What does it do? How can it be used in the reading class?

Mathematics

B-22

"Project AIM: Remedial Math for Secondary Schools"

Jerri Jenkins and Craig Walker, Arrowview Jr. High School

AIM is an individualized remedial math program for grades 7-12. It can be used with or without computers. AIM is in the public domain and is available at cost for TRS-80 and PET computers.

Mathematics

D-32

"Using One Apple II As the Only Math Book for Sixty Students"

Hebard R. Olsen, Seaside High School

Each student in each remedial math class receives a unique assignment, while the teacher has a copy of the answers prepared by computer. Answers are checked by student aides.

Mathematics

B-20

"Using Computers to Develop Problem-Solving Skills in Math (4-8)"

Gerald H. Elgarten, Francis Lewis High School

The computer can be used to develop problem-solving skills. Essential elements of a computer mathematics curriculum will be explored. Also to be discussed are strategies for infusing an ongoing component of computer instruction into the curriculum.

Programming

D-34

"How to Get PILOT Off the Ground"

Nora Lee Cornett, San Rafael City Schools

Introduction to PILOT's features, including text, graphics, sound and music.

Programming

D-35

"Pascal: Lesson One"

Dennis Barbata, Oak Grove High School

An introductory lesson for the instructor who wishes to expose BASIC programming students to a few simple Pascal programming concepts.

Programming

B-19

"Mixing Atari Graphics Modes"

Steven King, Educational Consultant

Atari computers have 15 different modes for displaying text and graphics. They also have a special microprocessor that allows these modes to be mixed on the same screen. This session will show you how.

Social Studies

B-34

"Developing Attitudes and Values for Computer-Related Topics"

Larry Hannah, California State University at Sacramento

The computer age has introduced a whole new area of values-related issues (piracy, breaking into data banks, etc.). Presentation of values clarification and moral development activities plus simulation games that can help in your classroom.

Social Studies

A Commons

"Oregon Trail — Anatomy of the Popular Simulation"

Don Rawitsch, MECC

The original author of this program discusses its background, research and simulation model, and he shares ideas for related classroom activities.

Networking

B Commons

"Networking PETs for CAI, ESL and Literacy"

Jon H. Hosmon, W. C. Overfelt High School

A video presentation of a 28-station network that works. Demonstrations of CAI and bilingual courseware.

General

A-30

"EQUALS in Technology"

Sherry Fraser, EQUALS Program

How do we create equal access to the new computer technology? A look at some strategies to help all students develop a sense of mastery over these powerful new tools.

Critical Thinking

D Commons

"Playful Exercises for the Mind"

Glenn Kleiman, Teaching Tools

A discussion of education games, puzzles and creative tools, and the advantages computers offer for creative and exploratory play.

Elementary

Career Center Lab

"Micros for Micros — Computer Activities for the Little Ones"

Tim Aaronson, Lawrence Hall of Sciences

A look at the curriculum developed at Lawrence Hall of Science for primary youngsters embracing numbers, estimation, words and music.

Educational Technology

A-35

"Technology, TV and Microcomputers"

Laura Woodward, Fountain Valley School District

Four speakers (Laura Woodward, Mark Glorzenko, Peter Knass and Judy Leib) will discuss the use of TV to teach computer literacy and problem-solving. Highlights state purchase of A.I.T. Computer Literacy Project and current legislation.

Counseling

A-32

"The Impact of Technology on Career Education and Guidance"

Sally Brew, San Jose State University

Increased awareness of the present technology explosion is necessary for today's students and their counselors to survive in the world of the future. The focus of this workshop is on developing technological literacy and on an awareness of the impact of technology on jobs in the future.

General

D-26

"Personal Power and Computers"

John McClean, St. Mark's School

Let's explore the ways power (defined as energy, love, creativity and intuition) can be facilitated, given the opportunity to be expressed through computers.

Educational Technology

A-18

"Education and Learning Technology: Where Are We Headed?"

Walter Koetke, Scholastic, Inc.

The educational benefits of the application of technology can be very large. Current developments and their implications for instruction will be discussed.

Curriculum Design

A-34

"A Curriculum Design for Advanced Placement Computer Science"

Robert Macartney, Milpitas High School

A discussion of a curriculum for AP Computer Science developed under the sponsorship of Hewlett-Packard Corporation.

Business Education

A-28

"The Keyboarding Connection"

Betty Boyce, Consultant

The keyboard is the KEY to the explosion of computer applications in business and other fields. Differences between keyboarding and typewriting are identified. Importance of keyboarding and suggestions for implementing keyboarding are covered.

Repeated at 10:00*Software*

B-32

"Modifying Software"

Glee Cathcart, Morrill Middle School

A demonstration of modification of public-domain software. The modifications of data statements and/or text files are made to meet special needs of students.

Repeated at 10:00*Special Education*

D-27

"Integrating the Micro into the Resource Specialist Program"

Joann Hylton, Borel Middle School

Learn various ways the computer can be incorporated into the resource specialist program. Software demonstration on the Apple will include work-processing, logical thinking skills and simulations. Applicable to elementary and middle school levels.

Repeated at 10:00*Programming*

B-33

"Commodore Screen Editing"

John Snyder, Teacher

Anyone can write simple programs, but this hands-on lab will teach you the rudiments of graphics and animation using the rather distinctive features of the Commodore screen editor.

Repeated at 10:00*Hardware*

A-20

"Enhanced Learning Via Interfacing Computers and Video Disks"

Irvin Kogan, Alta Vista School

Demonstration of a powerful learning tool: computer control of video disk capabilities, such as still frame and slow motion.

Repeated at 10:00*Logo*

B-37

"Teaching Logo: Guided Non-Direction"

Mary Cron, Microcomputer Resources

Effective strategies for teaching in the Logo environment.

Critical Thinking

A-16

"Computers Can Make Them Think"

Judith Scotchmoor, Carey School

A demonstration of the creative use of the computer to encourage independent thought and student involvement in a process of learning and problem-solving. Applicable for the entire curriculum. Computer expertise unnecessary.

Repeated at 10:00*Elementary*

A-36

"Microcomputers Have Arrived — What Do I Do Now?"

Flo Grossenbacher, Davis Joint Unified School District

How to use a microcomputer successfully in the elementary classroom with an emphasis on Logo and word-processing.

Repeated at 10:00*General*

B-23

"Artificial Intelligence in Education"

Mark H. Richer, Stanford University

A sketch of past and present research in the application of artificial intelligence techniques to building instructional computer programs. Discussion of implications for teaching and learning.

Repeated at 10:00*General*

D-25

"Copyright, Fair Use and the School Microcomputer Lab"

Rosemary Talab, Hollywood Presbyterian Medical Center

Practical discussion of copyright and fair use of micro software commonly found in the school micro lab. Includes areas of copy protection, problems of use and the need for negotiated agreements between producers and educators.

Repeated at 10:00*Elementary*

C Commons

"The Computer as a Teaching Tool in the Elementary Classroom"

Marty Cable, Keeling School

Sample inservice, elementary level. Suggested activities for introduction of computer use and programming in a subject matter contact. Scheduling and grouping possibilities. Emphasis is on peer interaction and use of machine capabilities: group altering of program to meet class needs, group proofreading and editing of student writing, student monitoring of progress. A variety of ways to use drill and practice to supplement instruction.

A 2-hour workshop.*Administration*

A-25

"Micros as Managing Tools"

Jim Johnson, Elk Grove Unified School District

Easy-to-use and learn management applications for microcomputers. Budgeting, program planning, staffing, facilities coordination and other general office applications. Silicon Office, VisiCalc and other programs highlighted. Also featured: classroom management applications for teachers.

A 2-hour workshop.

9:00 Commercial

Mathematics

"PETagree (Commodore)"

Lida Cate and Marilyn Peterson, Edwin Markham School
How teachers can use individual, self-teaching computer lessons for all students during a math class.

Repeated at 10:00

Logo

"Logo Classroom Activities: Off-Line, On-Line"

Joan Peart and Diane Hollister, Compulearn
Effective and practical applications of Logo in a classroom of 30 students. Hand-outs of sample class activities. How to use Logo to increase problem solving skills. The presentation is based on our book, "Lessons in Logo", as well as other materials we have used in summer workshops.

Repeated at 10:00

Programming

"A Problem-Solving Approach to Programming in Pascal"

Monty Swiryn, The Software Guild
An introduction to problem-solving and structured programming in Pascal, using actual programming examples. For beginners as well as advanced teachers and programmers.

Language Arts

"Phonics Courseware"

Steve Bonar, Spel-Tec
New phonics courseware to teach inconsistencies in phonetic spelling. Heavy use of graphics in an arcade-style activity.

Logo

"Logo Workshop: Hands-On"

Robin Raff, Atari Institute
Hands-on workshop in Atari Logo using the staff and facilities of the IEC Atari Van sponsored by the Atari Institute.

A 2-hour workshop. Repeated at 2:00

Networking

"Educational Administrative Software for the Corvus Concept Workstation"

Staff, Corvus, Inc.
Administrative software package features the most powerful scheduling software anywhere on any computer. Other features include: attendance, testing, electronic spreadsheet, 3-dimensional business graphics, general ledger, account payable, accounts receivable, payroll and inventory control.

A 90-minute workshop. Repeated at 11:00, 1:00 and 3:00

Software

"EISI — CAI Second-Generation Courseware"

Bob Adams, EISI
Essential instructional software that every K-12 classroom or lab needs. Drill, simulation, thinking skills, management.

Social Studies

"SEARCH Series"

Staff, McGraw-Hill/Webster Division
Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.

Repeated hourly except 12:00

Administration

"SIMSYS Demonstration"

Staff, Powell Associates
School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.

Repeated hourly except 12:00

Computer Literacy

"Visuals for Teaching Computer Literacy/Telecommunications"

Staff, National Instructional Systems
Demonstration of new and helpful teaching/learning aids, including overhead transparencies, student supplements, glossary and learning measurement.

Repeated hourly except 12:00

Administration

"TeloSchool™ Elementary School Administrative Software"

Staff, Telos Software Products
TeloSchool is an administrative software package designed specifically for elementary schools. It stores student data in user-defined fields and generates customized reports and labels. This will be a "live" demonstration on Apple computers.

Repeated hourly except 12:00

Administration

"Test Administration Systems at the School and District Level"

Staff, Science Research Associates
Courseware programs that enable educators to write, score and receive reports on multiple choice tests. Item bank available for math competency testing. Item analysis and other sophisticated tools. For Apple computers.

Repeated at 1:00

Networking

"Control Your Classroom with PRO-NET"

Jon Hammond, SWI
Hands-on demonstration of the PRO-NET local-area network system from SWI. See how networking personal computers can be a cost-effective necessity rather than an expensive luxury. Items covered: CAI, Logo, class management, computer literacy and much more.

Software

"Assisted Instructional Development System — An Authoring System"

Staff, Skillcorp Software, Inc.
Demonstration of the AIDS Authoring System. A session for those wanting to create their own software without learning any programming languages.

Art/Music

"Computer-Assisted Instruction in Music"

Staff, Syntauri Corporation
Syntauri Corporation will demonstrate its new curriculum development program, "Simply Music," and show some practical applications.

Repeated hourly except 12:00

- Business Education** A-28
"The Keyboarding Connection"
 Betty Boyce, Consultant
 The keyboard is the KEY to the explosion of computer applications in business and other fields. Differences between keyboarding and typewriting are identified. Importance of keyboarding and suggestions for implementing keyboarding are covered.
- Software** B-32
"Modifying Software"
 Glee Cathcart, Morrill Middle School
 A demonstration of modification of public-domain software. The modifications of data statements and/or text files are made to meet special needs of students.
- Special Education** D-27
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 Joann Hylton, Borel Middle School
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 Irvin Kogan, Alta Vista School
 Demonstration of a powerful learning tool: computer control of video disk capabilities, such as still frame and slow motion.
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 Mary Cron, Microcomputer Resources
 Effective strategies for teaching in the Logo environment.
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 A demonstration of the creative use of the computer to encourage independent thought and student involvement in a process of learning and problem-solving. Applicable for the entire curriculum. Computer expertise unnecessary.
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 Flo Grossenbacher, Davis Joint Unified School District
 How to use a microcomputer successfully in the elementary classroom with an emphasis on Logo and word-processing.
- General** B-23
"Artificial Intelligence in Education"
 Mark H. Richer, Stanford University
 A sketch of past and present research in the application of artificial intelligence techniques to building instructional computer programs. Discussion of implications for teaching and learning.
- General** B-24
"User-Friendly Books"
 Nora Lee Cornett, San Rafael City Schools
 Review and comments on computer books worth reading for educational use, with special attention to books on the Atari computers.
- General** D-25
"Copyright, Fair Use and the School Microcomputer Lab"
 Rosemary Talab, Hollywood Presbyterian Medical Center
 Practical discussion of copyright and fair use of micro software commonly found in the school micro lab. Includes areas of copy protection, problems of use and the need for negotiated agreements between producers and educators.
- Mathematics** D-33
"Computer-Assisted Problem-Solving"
 Marilyn Sue Ford
 Demonstration of problem-solving software for the elementary mathematics curriculum. Teaching methodologies will be stressed.
- Reading** A-22
"Computer Applications to Reading"
 June Ann Wedesweiler, Santa Ana Union High School
 Ideas for clinical, remedial and developmental applications of computers to the teaching of reading.
- Mathematics** B-22
"Some BASIC Programs for Use in Your Math Classes"
 Alfred M. Bachman, California Polytechnic State University
 A look at programs that are available for use with a microcomputer. Learn how to make programs of your own for math classes.
- Mathematics** B-20
"Using Computers to Develop Problem-Solving Skills in Math (9-12)"
 Gerald H. Elgarten, Francis Lewis High School
 The computer can be used to develop problem-solving skills. Essential elements of a computer mathematics curriculum will be explored, along with strategies for teaching such a course.
- Programming** D-34
"Atari PILOT: Successful Programming for Every Child"
 George Lewis, Madera Unified School District
 A high success graphics approach to structured programming in the PILOT language especially designed for 4th through 8th grade teachers who face limited computer resources in a classroom full of average or bi-lingual children. How a teacher can sneak considerable geometry into programming assignments will also be discussed.
- Programming** B-19
"Atari Player-Missile Graphics"
 Steven King, Educational Consultant
 The Atari computers have always had build-in "sprites" called players and missiles. In this session we will learn what they are and how to use them.
- Social Studies** B-34
"Social Studies Inquiry Using Data-Base Management"
 Larry Hannah, California State University, Sacramento
 The microcomputer gives us a fantastic tool for implementing the strategies of inquiry and concept development. Leave "States and Capitals" and move on to true social studies inquiry through student use of data-base management.

Programming A Commons
"Structured BASIC Programming"
 Herb Peckham, Computer Literacy, Inc.
 For people who know some BASIC programming. This session will describe a top-down approach to BASIC programming using structured concepts.

Programming B-31
"How to Teach Programming with No Textbook and No Programming Experience"
 Craig Walker, Arrowview Junior High School
 A simple approach to teaching BASIC to junior high school students. Designed for the teacher who has neither a textbook nor a background in programming. Numerous handouts suitable for a one-semester course. For those who have not taught programming.

Critical Thinking D Commons
"Using the Computer as a Problem-Solving Tool"
 Bev Saylor and Bev Hamilton, South San Francisco Unified School District
 Demonstration of "non-math" ways to use a computer to teach logical thinking in grades K-8.

General A-30
"Don't Expect the Computer to Teach — You Are the Educator!"
 Gwendolyn Lawton, Fairfield-Suisun Unified School District
 Examine the fears of novice computer users in education. Find out how teachers can use the computer as another educational device to expand student learning.

General D-26
"Inciting Literacy Riots and Other Subversive Activities"
 Suzanne Powers Bailey, Solano County Office of Education
 Dealing with resistance to computers is a challenge. This session is for those who are struggling with their own anxiety and will examine the predominant myths and other obstacles impeding the change process. Strategies for overcoming resistance will be suggested.

Curriculum Design A-34
"High School Computer Curriculum"
 Jim Winebrener, Livonia Public Schools
 Coordinated one-year courses in computer math and business data processing with minimum overlap.

Software A-14
"From Computer-Using Educator to Software-Producing Educator"
 Karen Billings, Houghton-Mifflin Company
 How can educators become involved in the software development and distribution process? An overview of the software development process from a publisher's perspective and the educator's role with companies who are publishing and distributing software to the schools.

Special Education B-30
"Computers and Special Education: A Mainstreaming Tool"
 Joan Ligamari and Laurie Rich, Placer County Office of Education
 Using a computer to integrate "normal" and orthopedically-handicapped children. Demonstration of special hardware used by handicapped children.

Repeated at 11:00

Language Arts A-27
"Teaching Word Processing — Are You Ready?"
 Bonnie Sue Mulligan, Woodbury Junior High School
 How to develop training in word processing for teachers and students. Planning a course guide and timeline, choosing hardware and software, dealing with teachers as "students" and adjusting the course for use in the regular classroom.
Repeated at 11:00

Software D-30
"Designing Educational Computer Games"
 Bernie Dodge, San Diego State University
 How do you get from an instructional objective to an educational game? A review of design methods for CAI games for any subject area.
Repeated at 11:00

Educational Technology A-18
"Educational Technology: Classroom Applications"
 Robert Kawka, San Bernardino County Schools
 History of educational technology. Position of computers in educational technology and suggestions for application of current technology to the classroom.
Repeated at 11:00

Art/Music A-26
"Computer Graphics and Elementary Art"
 Pamela Sharp, Stanford University
 Use of computer graphics in teaching concepts in elementary art. Review of appropriate software.
Repeated at 11:00

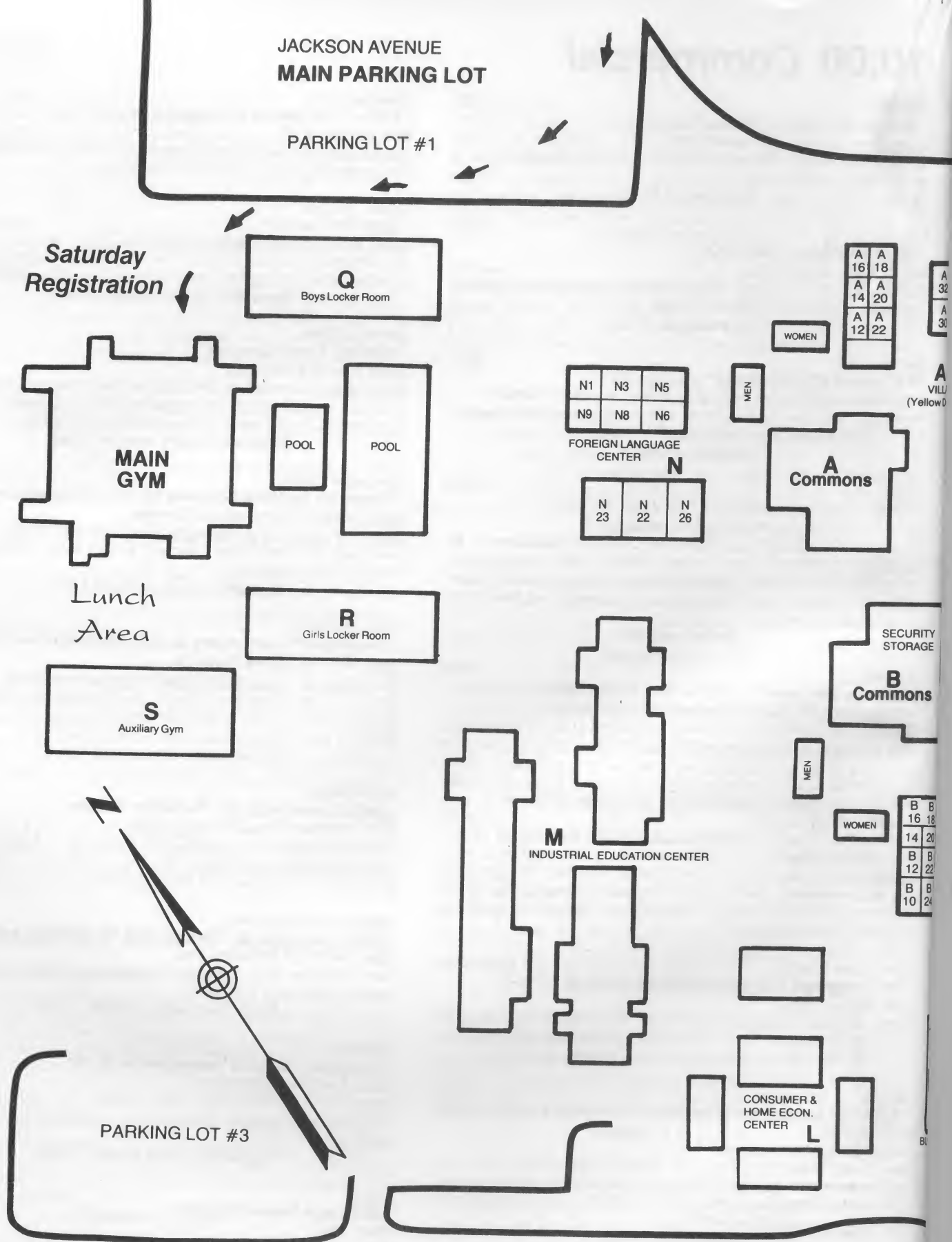
Computer Literacy A-33
"Computerics: A Problem-Solving Approach to Computer Literacy"
 Michael J. Rush, Indiana State Department of Education
 This program has proven itself a success with high-ability students but is useful for all. Main emphasis is on developing problem-solving skills. A review of Indiana schools using the program with gifted students.
Repeated at 11:00

Elementary A-35
"K-6 Computer Lab, 1983"
 Bill Fletcher, Castlemont School
 How a computer lab with 14 networked TRS-80 computers are used in a K-6 school. Applications of Apple IIe and Milton-Bradley's BIG TRAK robot toy are also discussed.
Repeated at 11:00

General A-31
"How Computers Change Families"
 Christopher Dede, University of Houston
 Home computers alter family life in many ways — sometimes constructively, sometimes not. This in turn affects needs students bring to school. Results of a funded research study will be discussed.
Repeated at 11:00

10:00 Commercial

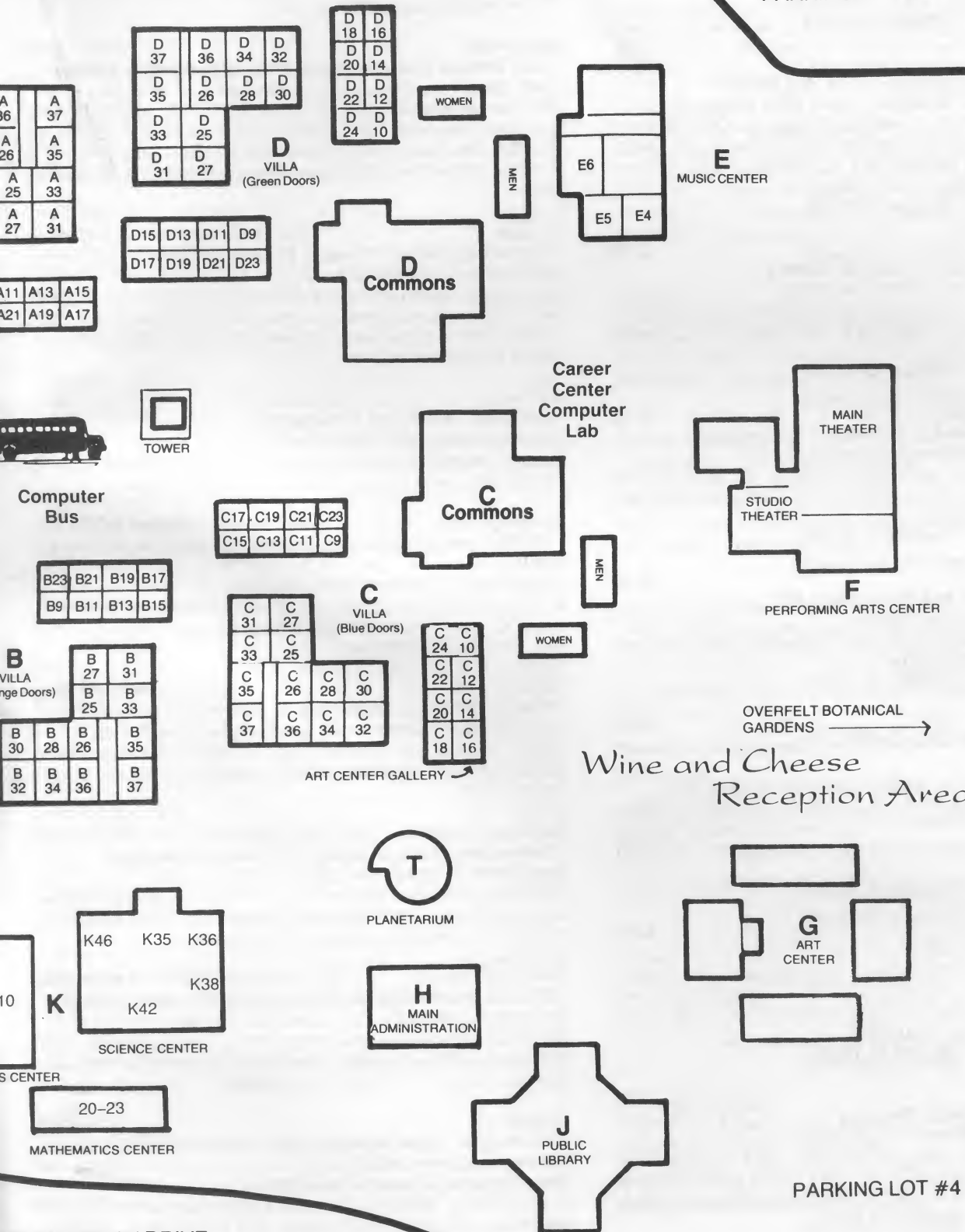
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|--|-----------|---|------|
| Software
"How to Get Your Software Published"
Monty Swiryn, The Software Guild
Strategies and options for developing, evaluating, publishing and marketing your own software.
Repeated at 11:00 | D-35 | Software
"EISI — CAI Starter Package Software"
Bob Adams, EISI
Courseware that every school should have after purchasing their first computer. | D-13 |
| Logo
"Logo Workshop, Hands-On"
Henry Vigil, Cybertronics
Hands-on Logo workshop using Cyberlogo turtle graphics software on an Apple/Corvus network system.
Repeated at 11:00 | K-42 | Social Studies
"SEARCH Series"
Staff, McGraw-Hill/Webster Division
Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.
Repeated hourly except 12:00 | D-15 |
| Mathematics
"PETagree (Commodore)"
Lida Cate and Marilyn Peterson, Edwin Markham School
How teachers can use individual, self-teaching computer lessons for all students during a math class.
Repeat of 9:00 | B-21 | Administration
"SIMSYS Demonstration"
Staff, Powell Associates
School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.
Repeated hourly except 12:00 | D-19 |
| Logo
"Logo Classroom Activities: Off-Line, On-Line"
Joan Peart and Diane Hollister, Compulearn
Effective and practical applications of Logo in a classroom of 30 students. Handouts of sample class activities. How to use Logo to increase problem-solving skills. The presentation is based on our book, "Lessons in Logo," as well as other materials we have used in summer workshops.
Repeat of 9:00 | B-35 | Computer Literacy
"Visuals for Teaching Computer Literacy/Telecommunications"
Staff, National Instructional Systems
Demonstration of new and helpful teaching/learning aids, including overhead transparencies, student supplements, glossary and learning measurement.
Repeated hourly except 12:00 | K-23 |
| Science
"Science Software for Junior and Senior High"
Marilyn Latham, Scott Foresman and Company
Demonstration of science software published in Great Britain and now available in this country from Scott Foresman. | D-32 | Administration
"TeloSchool™ Elementary School Administrative Software"
Staff, Telos Software Products
TeloSchool is an administrative software package designed specifically for elementary schools. It stores student data in user-defined fields and generates customized reports and labels. This will be a "live" demonstration on Apple computers.
Repeated hourly except 12:00 | B-28 |
| Counseling
"A Microcomputer-Based Guide to College Choice"
Matilda Butler, EduPro
EduPro has designed and implemented for the College Board educational software that enable students to learn about college characteristics and use them in choosing colleges. The database contains more than 2,400 2-year and 4-year colleges. Counselors and others interested can see a demonstration and provide feedback for future development. | A-32 | Mathematics
"Math Remediation for the Upper Grades"
Staff, Science Research Associates
Interactive tutorial for helping math concepts. Full reporting and record-keeping capabilities. Includes seatwork, printing and production. For Apple and Atari computers. | K-22 |
| Curriculum Design
"An Integrated Computer Literacy Program for K-9"
Sue Talley, TIES
Demonstration of support materials for TIES (Minnesota) Computer Literacy Curriculum Guide. They are designed to help teachers integrate the use of computers into the existing curriculum. | B Commons | Reading, Mathematics
"Skillcorp Computer Management for Reading and Math"
Staff, Skillcorp Software, Inc.
Demonstration of a computer management system to manage reading and math objectives.
Repeated hourly except 12:00 | D-20 |
| General
"Effective Application of Dedicated Computers to Basic Skill Instruction"
Staff, Centurion Industries, Inc.
Hands-on demonstration of proven techniques for the implementation of dedicated education computers for developmental and remedial basic academic skill instruction, including diagnostic testing and prescriptive techniques.
Repeated at 11:00 | B-26 | Art/Music
"Computer-Assisted Instruction to Music"
Staff, Syntauri Corporation
Syntauri Corporation will demonstrate its new curriculum development program, "Simply Music," and show some practical applications.
Repeated hourly except 12:00 | D-37 |
| Logo
"Logo on the Commodore 64"
Staff, Commodore Computers
See the Commodore 64 Logo with its SPRITE and music capabilities
Repeated at 2:00 | B-36 | Logo
"IBM Logo Demonstration"
Staff, IBM
Demonstration of Logo for the IBM Personal Computer.
A 2-hour workshop. Repeated at 12:00 and 2:00 | K-39 |



Map of Independence High School

STADIUM

PARKING LOT #2



NATIONAL PARK DRIVE

Special Education

B-30

"Computers and Special Education: A Mainstreaming Tool"
Joan Ligamari and Laurie Rich, Placer County Office of Education
Using a computer to integrate "normal" and orthopedically-handicapped children. Demonstration of special hardware used by handicapped children.

Repeat of 10:00

Language Arts

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"Teaching Word Processing — Are You Ready?"
Bonnie Sue Mulligan, Woodbury Junior High School
How to develop training in word processing for teachers and students. Planning a course guide and timeline, choosing hardware and software, dealing with teachers as "students" and adjusting the course for use in the regular classroom.

Repeat of 10:00

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D-30

"Designing Educational Computer Games"
Bernie Dodge, San Diego State University
How do you get from an instructional objective to an educational game? A review of design methods for CAI games for any subject area.

Repeat of 10:00

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A-18

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Robert Kawka, San Bernardino County Schools
History of educational technology. Position of computers in educational technology and suggestions for application of current technology to the classroom.

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A-35

"K-6 Computer Lab, 1983"
Bill Fletcher, Castlemont School
How a computer lab with 14 networked TRS-80 computers are used in a K-6 school. Applications of Apple IIe and Milton-Bradley's BIG TRAK robot toy are also discussed.

Repeat of 10:00

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"How Computers Change Families"
Christopher Dede, University of Houston
Home computers alter family life in many ways — sometimes constructively, sometimes not. This in turn affects needs students bring to school. Results of a funded research study will be discussed.

Repeat of 10:00

Mathematics

C Commons

"The Math Network Curriculum Project"
Jose E. Gutierrez, San Francisco State University
Curriculum ideas and software that use the computer as a problem-solving tool. These are open-ended, student-controlled and designed for the regular classroom.

Networking

B-20

"The Perfect Computer Lab: A Look Back After 3 Years"
Jack Steadman, Gonzalez High School
The presentation will cover the three-year history of a high school computer lab with 33 Apples networked through a Corvus Constellation. The lab has been used to teach programming in BASIC and Pascal and for computer-assisted instruction in remedial math.

Science

D-32

"Exploring Science Through Programming"
Steve Minsuk, Teaching Tools
Students can explore physical and biological systems by writing their own simulation programs. Examples will be drawn mostly from biology, but the techniques are applicable to other sciences as well. (Some programming ability required.)

Hardware

A-20

"Personal Computers in Industry"
Charles Barrett, San Mateo County ROP
Which personal computers are used in industry. Applications, tie-in to networks, work stations, skill requirements for jobs.

Language Arts

Career Center Lab

"DEMO1 and DEMO2: Courseware for Teaching Language Use"
Robert Hertz, California State University
A presentation of my DEMO courseware for language instruction, showing how courseware can be used to teach language rather than the rules of grammar.

General

B-24

"Computer Clubs: From Here to Eternity"
Lance B. Eliot, California State University, Long Beach
Various Aspects of computer clubs at high and college levels, including initiation/start-up, maintenance/improvement and student faculty roles.

Business Education

A-28

"Developing Units of Study for Business Courses"
Jerry Belch, Santa Barbara County Schools ROP
Participants will see or work on an accounting simulation, electronic filing, checkbook, career test and CAI units and obtain information on how to create these units for their classes.

Curriculum Design

A Commons

"IBM Secondary School Computer Education Program"
Martin Schneiderman, Educational Testing Service
The impact of the information age on our society and the IBM secondary school computer project curriculum will be discussed and described.

General

D-26

"Strategies for Introducing Microcomputers into Elementary/Junior High"
Doris Feenstra, Elverta School District
A presentation on how to introduce the microcomputer to an elementary and intermediate school staff and students. Materials included.

Critical Thinking

A-16

"Gertrude's Secrets, Attribute Blocks and Logic!"

Barbara Bayha, Cupertino Union School District

Logical thinking and problem-solving are exciting and fun when children use attribute blocks and a computer program called "Gertrude's Secrets." Classroom strategies to integrate manipulative materials and computer activities into your math program.

Counseling

A-32

"Computer Literacy for Counselors"

Jerry Laureyns, Eureka Corporation

For beginners who need a basic orientation to computers. This workshop will cover essential computer terminology for both hardware and software. The most common uses of computers will be demonstrated with suggested applications for counselors.

Art/Music

D-31

"Making Music with Computers"

Don Rawitsch, MECC

Demonstration using BASIC to produce simple and multi-part music. Session will stress how to use these techniques with programming or music students. Includes a live demonstration of computer/person duet performance. Some knowledge of BASIC will be helpful.

Computer Literacy

B-33

"18 Computers — 1,800 Students"

Nancy Watson, Computer Specialist

Hands-on demonstration of a curriculum that presents 8th-grade students everything they need to know about computers in 14 days.

Programming

D-34

"Have No Fear — The Computer Is Here"

Don Gazaway, Hyde Junior High School

An introduction to programming in BASIC with a structured approach based on Computer Literacy — a Hands-On Approach by Leuhrmann and Peckham.

Repeated at 12:00*Logo*

B-37

"Introduction to Logo"

Allan Rogers, Chula Vista City Schools

Overview of use of Logo with students in all grades. Comments on various versions available. "Evangelistic" presentation.

Repeated at 12:00*Special Education*

D-27

"Computers and Special Ed Students"

Helen Nesbet, Saratoga High School

Various uses of the computer in high school special education classrooms, with comments on useful software.

Repeated at 12:00*Hardware*

(see map)

"Elementary Grade Computer Bus"

Linda McCutchan, Napa Valley Unified School District

Visit this mobile computer lab designed to provide an introductory computer awareness experience for students in grades 4/5/6. The unit is self-contained, with computer stations for 32 students.

Repeated at 12:00*Networking*

A-14

"Shared-Disk System at Galileo High School"

Paul Lorton, University of San Francisco

Shared hard-disk systems and local area networks promise to bring order to the chaos of many micros in a school.

Logo

B-35

"A Look at the Terrapin Logo Language for the Apple II"

Ruth Cossey, Oakland Public Schools and EQUALS

A overview of Logo, including graphics, music, word list manipulation and recursive computation.

A 2-hour workshop.*Mathematics*

B-22

"CADPP — A Nationally-Validated K-12 Reading/Math Program"

Debra Glowinski and E. Wayne Roberson, National Diffusion Network

The Computer-Assisted Diagnostic Prescriptive Program (CADPP) is an exemplary computer-managed program for reading and mathematics which is currently being utilized in 28 states and is sponsored by the National Diffusion Network.

Repeated at 12:00*Programming*

B-19

"Atari PILOT Ground School"

Barry Hoglund, Davidson Middle School

A 45-day curriculum outline for programming with text, graphics and animation. Extensive examples of student programs will be presented. The course is currently taught as an elective to students in grades 6/7/8 in a computer center with an Atari/Covrvus network.

Repeated at 12:00*General*

B-23

"Health, Safety and the Microcomputer"

E. Robert Ackerman, National University

Considerations of the developing child and the ergonomics of exposure to the cathode ray tube.

Repeated at 12:00*Curriculum Design*

A-34

"Setting Up: The Whole Program"

Charlotte Coder, Fountain Valley

Our schools had to wait a year before they got any computers, but when they did, there was a complete program: hardware, software, curriculum and staff development.

Repeated at 12:00*Foreign Language*

A-25

"ESL and Microcomputers — Is There Such a Thing?"

Roger M. Pitet, San Mateo Adult School

Use of a microcomputer in an ESL setting. Language arts programs that have been adapted to an ESL classroom will be demonstrated and discussed.

Repeated at 12:00*Elementary*

A-36

"Implementing a Computer Program in a K-5 School"

Estelle Langholz and Carol Gilkinson, Charter Oak Unified School District

Teacher preparation and ongoing inservice, software selection, scheduling computer time, individual and small group instruction, Logo and BASIC for elementary students and parent involvement.

Repeated at 12:00*General*

D-25

"Writing Your First Computer Book"

Richard Mowe, Muroc Joint Unified School District

Learn ways to share your ideas in print. An author will discuss contacting an editor, signing the contract and writing the manuscript.

Repeated at 12:00*Computer Literacy*

B Commons

"Computer Literacy and Beyond — The Computer"

Joan Targ, Interactive Sciences

The Computer Tutor project provides a model for change and innovation. Students, staff, parents and the community join to make learning exciting and fun for everyone.

Repeated at 12:00

11:00 Commercial

Computer Literacy B-31
"Teaching How a Computer Works"
 Preston G. Rubin, Computer Foundations
 Using a teaching aid that shows what a computer is and how it makes decisions, students do exercises that draw parallels between computer logic and human thought processes.
Repeated at 12:00

Critical Thinking A-33
"Bears, Monsters and Frogs — An Approach to Teaching Problem-Solving"
 Marge Kosel, Sunburst Communications
 A look at problem-solving and how the computer can be used to assist in teaching problem-solving techniques.
Repeated at 12:00

Curriculum Design D Commons
"An Integrated Computer Literacy Program for K-9"
 Sue Talley, TIES
 Demonstration of support materials for TIES (Minnesota) Computer Literacy Curriculum Guide. They are designed to help teachers integrate the use of computers into the existing curriculum.

Critical Thinking D-33
"Software to Develop Children's Critical Thinking"
 Thomas O'Brien, Southern Illinois University
 The author of the prize-winning "Teasers by Tobbs" demonstrates and comments on new software developed for the purpose of encouraging children's intellectual growth. The software is Piagetian in nature. It is NOT drill and practice.

Social Studies B-21
"The Microcomputer in Social Studies"
 George F. Sabato, Edwin Markham School
 A review of the various ways in which microcomputers can be used in the social studies: drill-and-practice, tutorials, simulations, authoring systems, educational games, word processing and record-keeping.

Reading A-22
"Teaching Reading on a Computer With a Speech Synthesizer"
 Maureen Duncan, Redwood Heights Elementary School
 Comparison of a reading lesson with and without a speech synthesizer on first-grade auditory learners versus use with visual learners.

Software D-35
"How to Get Your Software Published"
 Monty Swiryn, The Software Guild
 Strategies and options for developing, evaluating, publishing and marketing your own software.
Repeat of 10:00

Logo K-42
"Logo Workshop, Hands-On"
 Henry Vigil, Cybertronics
 Hands-on Logo workshop using Cyberlogo turtle graphics software on an Apple/Corvus network system.
Repeat of 10:00

General B-26
"Effective Application of Dedicated Computers to Basic Skill Instruction"
 Staff, Centurion Industries, Inc.
 Hands-on demonstration of proven techniques for the implementation of dedicated education computers for developmental and remedial basic academic skill instruction, including diagnostic testing and prescriptive techniques.

Networking B-27
"Educational Administrative Software for the Corvus Concept Workstation"
 Staff, Corvus, Inc.
 Administrative software package features the most powerful scheduling software anywhere on any computer. Other features include: attendance, testing electronic spreadsheet, 3-dimensional business graphics, general ledger, account payable, accounts receivable, payroll and inventory control.
A 90-minute workshop. Repeated at 1:00 and 3:00

Social Studies D-15
"SEARCH Series"
 Staff, McGraw-Hill/Webster Division
 Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.
Repeated hourly except 12:00

Software D-13
"Milliken Courseware Review"
 Staff, Milliken Publishing Company
 K-12 courseware. The publisher gives an excellent overview of all courseware, including future plans for new courseware.

Administration D-19
"SIMSYS Demonstration"
 Staff, Powell Associates
 School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.
Repeated hourly except 12:00

Computer Literacy K-23
"Visuals for Teaching Computer Literacy/Telecommunications"
 Staff, National Instructional Systems
 Demonstration of new and helpful teaching/learning aids, including overhead transparencies, student supplements, glossary and learning measurement.
Repeated hourly except 12:00

General B-25
"Radio Shack's 3-Pound Portable Computer"
 Staff, Radio Shack
 With the help of an instructor, hands-on work with the TRS-80 Model 100. Reviewed by the journals as the only truly portable computer. Built-in word-processing, schedule and address book and complete telecommunications package. Dow Jones, Compuserve.
Repeated at 1:00

Administration B-28
"TeloSchool™ Elementary School Administrative Software"
 Staff, Telos Software Products

TeloSchool is an administrative software package designed specifically for elementary schools. It stores student data in user-defined fields and generates customized reports and labels. This will be a "live" demonstration on Apple computers.

Repeated hourly except 12:00

Mathematics K-22
"Developmental Math for Elementary and Junior High School"
 Staff, Science Research Associates

Interactive tutorial for helping teach math concepts. Full reporting and record-keeping capabilities. Includes seatwork, printing and production. For Apple and Atari computers.

Reading, Mathematics D-20
"Skillcorp Computer Management for Reading and Math"
 Staff, Skillcorp Software, Inc.

Demonstration of a computer management system to manage reading and math objectives.

Repeated hourly except 12:00

Art/Music D-37
"Computer-Assisted Instruction in Music"
 Staff, Syntauri Corporation

Syntauri Corporation will demonstrate its new curriculum development program, "Simply Music," and show some practical applications.

Repeated hourly except 12:00



Independence High School

The East Side Educational Park

The CUE Fall Conference is being held at what impresses most visitors as a unique location. Independence High School first opened in September, 1976, after more than ten years of planning, and is the newest of the eleven secondary schools in the East Side Union High School District.

Independence is centrally located in a cosmopolitan region of San Jose, and embraces numerous ethnic, racial, and economic communities in grades nine through twelve with its 3,500-member student body. In addition to regular high school enrollment, the school also serves nearly 4,000 non-high school students each week in both daytime and evening classes under the auspices of the San Jose Metropolitan Adult Education Program. Still other classroom and facility space is used by Evergreen Valley Community College.

The campus includes over fifty buildings on 104 acres and boasts such unusual features as: a 500-seat Performing Arts Center, a branch of the San Jose City Public Library, a fully-operated 60-seat Planetarium, a 5,200-seat gymnasium, an Olympic-rated international swimming and diving center, and an on-site Multiterminal Educational Computer System. Bordered on the north and south by county and city parks, Independence also encompasses two year-round fresh water lakes in cooperation with the Santa Clara Valley Water Conservation District.

Educationally, Independence offers a spectrum of courses to its educationally diverse student body which includes the finest of both vocational and college preparatory offerings unmatched by any other secondary school in the nation. One example of the profound innovations being put into practice at Independence is the subdivision of its large student body into four "villas," or schools-within-a-school; each has its own principal, counselors, and faculty. This concept allows a much closer contact with the individual student, parent, teacher, and administrator than would normally be possible in a school of this size. Each villa has assumed an identity separate from the whole school, and offers the student the small school benefits of closeness in the core subjects while simultaneously offering the unique advantages of large-school electives.

For more information concerning Independence High School, write to the principal: Arvel B. Clark, 1776 Educational Park Drive, San Jose, California 95133.

Programming D-34
"Have No Fear — The Computer Is Here"
 Don Gazaway, Hyde Junior High School
 An introduction to programming in BASIC with a structured approach based on Computer Literacy — a Hands-On Approach by Leuhrmann and Peckham.

Repeat of 11:00

Logo B-37
"Debuggers' Seminar for Logo Users"
 Allan Rogers, Chula Vista City Schools
 Trouble with your Logo programming? Bring your problems and answers to a round table problem-solving forum.

Repeat of 11:00

Special Education D-27
"Computers and Special Ed Students"
 Helen Nesbet, Saratoga High School
 Various uses of the computer in high school special education classrooms, with comments on useful software.

Repeat of 11:00

Hardware Near Tower (see map)
"Elementary Grade Computer Bus"
 Linda McCutchan, Napa Valley Unified School District
 Visit this mobile computer lab designed to provide an introductory computer awareness experience for students in grades 4/5/6. The unit is self-contained, with computer stations for 32 students.

Repeat of 11:00

Mathematics B-22
"CADPP — A Nationally-Validated K-12 Reading/Math Program"
 Debra Glowinski and E. Wayne Roberson, National Diffusion Network
 The Computer-Assisted Diagnostic Prescriptive Program (CADPP) is an exemplary computer-managed program for reading and mathematics which is currently being utilized in 28 states and is sponsored by the National Diffusion Network.

Repeat of 11:00

Programming B-19
"Atari PILOT Ground School"
 Barry Hoglund, Davidson Middle School
 A 45-day curriculum outline for programming with text, graphics and animation. Extensive examples of student programs will be presented. The course is currently taught as an elective to students in grades 6/7/8 in a computer center with an Atari/Covvus network.

Repeat of 11:00

General B-23
"Health, Safety and the Microcomputer"
 E. Robert Ackerman, National University
 Considerations of the developing child and the ergonomics of exposure to the cathode ray tube.

Repeat of 11:00

Curriculum Design A-34
"Setting Up: The Whole Program"
 Charlotte Coder, Fountain Valley
 Our schools had to wait a year before they got any computers, but when they did, there was a complete program: hardware, software, curriculum and staff development.

Repeat of 11:00

Foreign Language A-25
"ESL and Microcomputers — Is There Such a Thing?"
 Roger M. Pitet, San Mateo Adult School
 Use of a microcomputer in an ESL setting. Language arts programs that have been adapted to an ESL classroom will be demonstrated and discussed.

Repeat of 11:00

Elementary A-36
"Implementing a Computer Program in a K-5 School"
 Estelle Langholz and Carol Gilkinson, Charter Oak Unified School District
 Teacher preparation and ongoing inservice, software selection, scheduling computer time, individual and small group instruction, Logo and BASIC for elementary students and parent involvement.

Repeat of 11:00

General D-25
"Writing Your First Computer Book"
 Richard Mowe, Muroc Joint Unified School District
 Learn ways to share your ideas in print. An author will discuss contacting an editor, signing the contract and writing the manuscript.

Repeat of 11:00

Computer Literacy B Commons
"Computer Literacy and Beyond — The Computer"
 Joan Targ, Interactive Sciences
 The Computer Tutor project provides a model for change and innovation. Students, staff, parents and the community join to make learning exciting and fun for everyone.

Repeat of 11:00

Mathematics B-21
"Binary the Easy Way"
 Paul Giganti, Walnut Creek Schools
 Participants will learn binary numbers painlessly through games and puzzles, using their knowledge on a "human computer."

Software D-30
"MECC Institutional Membership and Product Availability"
 Teri Leonard, MECC
 Description of MECC institutional membership, costs, product availability and inservice offerings.

Critical Thinking A Commons
"Forget Computer Literacy! Developing a Higher-Order Skills Curriculum"
 Stan Pogrow, University of Arizona
 Introduction to a curriculum module for K-8 that focuses on higher-order thinking skills.

General D-26
"Fight, Flight or Go With the Flow"
 Sr. Maureen Hally, Our Lady of the Angels School
 The expansion of computer education in a single grade private school... three years later.

Counseling A-32
"The Computing Counselor"
 Larry Larsen, Del Mar High School
 How a counselor uses a microcomputer to ease his work. Commercially available software and practical tips for getting started.

12:00

Special Education

"Computers and Special Education: A Mainstreaming Tool" B-30
Laurie Rich and Joanne Ligamari, Newcastle Elementary School

Integrating orthopedically handicapped children with "normal" children through the use of a computer. Demonstration of adaptations and special switches.

Repeated at 1:00

Science

"Interfacing the Computer with Textbooks and Hands-On Activities" D-32

Karen E. Reynolds, Teacher Supervisor

Integrating computers with texts and hands-on activities in junior high/middle school science programs.

Repeated at 1:00

General

"Evaluating Learning in Computer Courses/Units" B-24
Melvin Zeddies, National University

Developing and using comprehensive evaluation techniques to assess learning in/about computers.

Repeated at 1:00

General

"Classroom Computers and/or Computer Labs" A-35
Marty Cable, Keeling School

Advantages and disadvantages of using one computer in each class. How Keeling School uses 16 computers in both lab and classroom settings.

Repeated at 1:00



Commercial

General

"Telecommunications Applications to Education" A-30
Marilyn Latham, Scott, Foresman and Company

Live demonstration of BRS SPIN system accessing ERIC, RICE and other database systems.

Art/Music

"A New Course of Study for Art and Music With Microcomputers" D Commons

David Megill and Howard Gauz, Miracosta College

The computer facilitates new approaches to the study of art and music when it is thought of as an instrument. Lecture, discussion and performance.

Business Education

"Getting High School Students Ready for Tomorrow's Job Market" A-28

Maureen Duncan, CETA Computer Class Teacher

Our YEP course: 90 hours of business applications (accounting, database management and word processing).

Hardware

"Dealing With Dealers: Cooperative Collaboration" A-20
Diane W. Means, Computerland/San Francisco

Developing an effective, mutually beneficial relationship with your computer dealer can smooth the way to better service and additional training.

Computer Literacy

"Teaching How a Computer Works" B-31
Preston G. Rubin, Computer Foundations

Using a teaching aid that shows what a computer is and how it makes decisions. Students do exercises that draw parallels between computer logic and human thought processes.

Repeat of 11:00

Critical Thinking

"Bears, Monsters and Frogs — An Approach to Teaching Problem-Solving" A-33

Marge Kosel, Sunburst Communications

A look at problem-solving and how the computer can be used to assist in teaching problem-solving techniques.

Repeat of 11:00

Logo

"IBM Logo Demonstration" K-39
Staff, IBM

Demonstration of Logo for the IBM Personal Computer.

A 2-hour workshop. Repeated at 2:00

Special Education B-30
"Computers and Special Education: A Mainstreaming Tool"
 Laurie Rich and Joanne Ligamari, Newcastle Elementary School
 Integrating orthopedically handicapped children with "normal" children through the use of a computer. Demonstration of adaptations and special switches.

Repeat of 12:00

Science D-32
"Interfacing the Computer with Textbooks and Hands-On Activities"

Karen E. Reynolds, Teacher Supervisor
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Repeat of 12:00

General B-24
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Melvin Zeddies, National University
 Developing and using comprehensive evaluation techniques to assess learning in/about computers.

Repeat of 12:00

General A-35
"Classroom Computers and/or Computer Labs"

Marty Cable, Keeling School
 Advantages and disadvantages of using one computer in each class. How Keeling School uses 16 computers in both lab and classroom settings.

Repeat of 12:00

Mathematics B-20
"Integrating Computers and Subject Matter"

Patrick W. Thompson, Professor of Mathematics
 Approaches to teaching mathematics and mathematical problem-solving through computing.

Special Education D-27
"An Apple for the Kids — and the Teacher"

Ursula S. Growald, Palo Alto Unified School District
 Computer-assisted instruction in a resource room serving LH children in grades K-6 plus young mentally handicapped children using peer tutors.

Hardware A-31
"Trouble-Shooting Your Apple"

Russ Bayley, San Mateo City School District
 Proper care and feeding of your microcomputer. Disk handling, disk drives, simple maintenance, distinguishing between hardware and software malfunctions. When to get service and what to tell the repair technician.

Writing A-22
"Stimulating Writing in the Classroom With Electronic Mail"

Kevin Mackey, Xerox Office Systems
 Description of a plan for an electronic mail system for classroom use, and discussion of its implications.

Programming D-33
"The Logo/BASIC Interface... Is the Software Compatible?"

Hook the elementary kids with Logo, move up to BASIC when the turtle's done her thing, then sock it to 'em with Logo list processing. Techniques for easing the transitions between languages by emphasizing their structures.

Programming B-22
"AP Computer Science Seasoned with a Bit of COBOL, FORTRAN and Assembly"

Hebard R. Olsen, Monterey Peninsula Unified School District
 How to mix job-oriented languages like FORTRAN, COBOL and PL/I with the Pascal ordinarily expected in an AP course. The vocational orientation appeals to minority students in particular.

Programming B-19
"A Comparison of Popular Programming Languages"

Wayne Harvey, Atari, Inc.
 The strengths and weaknesses of five programming languages will be explored with consideration given to the type of user and the type of task at hand. The languages are Logo, PILOT, BASIC, Pascal and assembly language.

Language Arts A-27
"How to Evaluate Software for Language Arts"

Jane Laidley, People's Computer Company
 A software evaluation workshop focusing on language arts.

Science K-46
"High School Science Software"

Madeline Fish, Grant District
 Different ways to use a computer in a high school science program. Software for biological and physical sciences will be available.

Social Studies B-34
"Where Is All the Social Studies Courseware?"

Don Rawitsch, MECC
 A guided discussion on social studies courseware availability: what is available and what is needed. Led by a MECC staff member, formerly a social studies teacher.

Administration A-25
"Cost-Effectiveness of Computer-Based Instruction"

Carol Flaherty, Los Angeles Unified School District
 Theoretical and statistical information indicates when computer-based instruction is (or is not) cost-effective in schools.

Business Education A-28
"Curriculum Redesign in Business Education for Electronic Offices"

Joyce Kupsh, California State Polytechnic State University
 Business education curriculum for yesterday's office organization compared with today's needs. Teaching/learning strategies for computer literacy, word processing, phototypesetting and telecommunications.

Elementary A-36
"Parent-Operated Computer Centers in a K-6 School"

Terry Walker, Washington School PTA
 How to set up a parent-operated computer center. How parents taught themselves to teach kids, secured the support of teachers and administration and staffed the center themselves.

Critical Thinking A-16
"Programming, A Model for Problem-Solving"

Marilyn Rees, Lafayette School District
 The program development cycle is an ideal means by which to identify and focus on problem-solving skills that we need in every area of our lives.

Computer Literacy A-14
"How to Make Your Community Computer Literate"
 Nora Lee Cornett, San Rafael City Schools
 How to create computer literacy mini-courses for parents and community including course outline, hints and sample program ideas.

General B-23
"A Baker's Dozen of Computer Activities at the High-School Level"
 Cindy Nichols Bledsoe, Fremont Union High School District
 A sharing of teacher-developed activities tested and proven in the classroom.

General D-25
"The Host in the Machine: Decorum in Computers Who Speak"
 Stephen Marus, Ph.D., South Coast Writing Project
 Should text on a computer screen be given a human "voice"? This session will discuss the issues and provide a framework for designing videotext tailored to different student personality types.

Curriculum Design B Commons
"The Cupertino Computer Curriculum"
 Jenny Better, Cupertino Union School District
 Just how does a computer really fit in your K-6 curriculum? A review of the critical goals in the infusion of computers into all subject areas.

Critical Thinking C Commons
"One Computer: Thirty Kids"
 Teri Perl, The Learning Company
 Presentation of selected software and related non-computer activities designed to involve the entire class. Models for teacher-made materials to use one computer with a classfull of kids.

General D-26
"Interactive Computer and Video"
 Harold Titen, Ukiah High School
 The utilization of video and computer in classroom instruction... an emerging technological bridge.

Counseling A-32
"Computerized Articulation and Advising"
 Jim Stubblefield, Diablo Valley College
 The information needs of community college students (majors, courses, vocational and degree programs) can be met instantaneously using microcomputers and commercially available software. The presentation explains how DVC has met its information needs using an Apple with a Corvus disk.

Education Technology A Commons
"Focus on Educational Technology"
 Kenneth Brumbaugh, MECC
 A discussion of the impact of educational technology on the classroom teacher.

Software D-30
"Effective Educational Software Design"
 Marti Atkinson, UC Santa Cruz
 The stages of designing effective educational software, from initial subject to field-testing and revision.
Repeated at 2:00

Curriculum Design A-34
"A District Plan for Computer Education, K-12"
 Helen Joseph, Novato Unified School District
 A three-year plan extending computer use from current concentration in secondary schools into the elementary grades and subject areas.
Repeated at 2:00

Logo Career Center Lab
"Logo: What It Is and How It Can Be Used in Your Classroom"
 Evelyn Dale, UC Davis, CSU Sacramento Extension
 This is two sessions rolled into one; attend either or both. The first introduces Logo through discussion and demonstration of its structure and Logo programs. The second session considers Logo's educational potential. Teaching strategies and Logo activity ideas will be discussed and demonstrated.
A 2-hour workshop.

Programming D-34
"Pascal Swap"
 Larry Wilson, Valley High School
 Swap session — bring and share your Pascal programs that you have developed for teaching the Advanced Placement Computer Science class.
A 2-hour workshop.

Commercial

Foreign Languages A-26
"Foreign Language Instruction on the TRS-80 Models III and IV"
 Robert Morrey, Cupertino High School
 User-friendly programs provide practice and review of a large vocabulary and drill of grammatical topics. Written tests and review sheets can be produced, or students can take tests on the computer. This session will discuss (a) use of the materials in the author's classroom, (b) problems and advantages, and (c) user-entered data option.

Repeated at 2:00

Programming D-35
"Karel the Robot: An Introduction to Programming Literacy in Pascal"
 Richard Pattis, Stanford University
 Karel's programming language will be presented and discussed. Special emphasis will be given to analyzing programs and proving their properties. Brief demo of the Karel software.
Repeated at 2:00

Mathematics B-21
"Computer-Guided Instruction in Teaching Geometry"
 Nira Hativa, Teacher
 Using the computer to improve classroom teaching in junior high and high school geometry.

Networking

B-27

"Educational Administrative Software for the Corvus Concept Workstation"

Staff, Corvus, Inc.

Administrative software package features the most powerful scheduling software anywhere on any computer. Other features include: attendance, testing, electronic spreadsheet, 3-dimensional business graphics, general ledger, accounts payable, accounts receivable, payroll and inventory control.

A 90-minute workshop. Repeated at 3:00

Software

D-13

"Hartley Courseware Review"

K-8 courseware. An overview of courseware and application to special education, ESL and regular classroom applications.

Social Studies

D-15

"SEARCH Series"

Staff, McGraw-Hill/Webster Division

Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.

Repeated hourly except 12:00

Administration

D-19

"SIMSYS Demonstration"

Staff, Powell Associates

School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.

Repeated hourly except 12:00

Computer Literacy

K-23

"Visuals for Teaching Computer Literacy/Telecommunications"

Staff, National Instructional Systems

Demonstration of new and helpful teaching/learning aids, including overhead transparencies, student supplements, glossary and learning measurement.

Repeated hourly except 12:00

General

B-25

"Radio Shack's 3-Pound Portable Computer"

Staff, Radio Shack

With the help of an instructor, hands-on work with the TRS-80 Model 100. Reviewed by the journals as the only truly portable computer. Built-in word-processing, schedule and address book and complete telecommunications package. Dow Jones, Compuserve.

Repeat of 11:00

Administration

B-28

"TeloSchool™ Elementary School Administrative Software"

Staff, Telos Software Products

TeloSchool is an administrative software package designed specifically for elementary schools. It stores student data in user-defined fields and generates customized reports and labels. This will be a "live" demonstration on Apple computers.

Repeated hourly except 12:00

Administration

K-22

"Test Administration Systems at the School and District Level"

Staff, Science Research Associates

Courseware programs that enable educators to write, score and receive reports on multiple choice tests. Item bank available for math competency testing. Item analysis and other sophisticated tools. For Apple computers.

Repeat of 9:00

Reading, Mathematics

D-20

"Skillcorp Computer Management for Reading and Math"

Staff, Skillcorp Software, Inc.

Demonstration of a computer management system to manage reading and math objectives.

Repeated hourly except 12:00

Art/Music

D-37

"Computer-Assisted Instruction in Music"

Staff, Syntauri Corporation

Syntauri Corporation will demonstrate its new curriculum development program, "Simply Music," and show some practical applications.

Repeated hourly except 12:00



Software

D-30

"Effective Educational Software Design"

Marti Atkinson, UC Santa Cruz

The stages of designing effective educational software, from initial subject to field-testing and revision.

Repeat of 1:00**Curriculum Design**

A-34

"A District Plan for Computer Education, K-12"

Helen Joseph, Novato Unified School District

A three-year plan extending computer use from current concentration in secondary schools into the elementary grades and subject areas.

Repeat of 1:00**Special Education**

D-27

"Application of Computers in a Speech/Language Setting"

Louise McGee, Berkeley Unified School District

Special education children find success and validation using the computer language Logo, using a speech synthesizer and playing with the new technology.

Writing

A-22

"Computers and the Teaching of Writing"

Stephen Marcus, Ph.D., South Coast Writing Project

An overview of the state-of-the-art in computer-assisted prewriting, writing and rewriting, including prose and poetry.

Logo

A Commons

"Logo Without Computers"

David D. Thornburg, Friends of the Turtle

Many of the benefits of Logo can be gained by children with no access to computers. Teachers will be shown how to use puppets, graph paper, mosaic blocks and other easily obtained aids to teach programming style, turtle graphics, robot control and geometry.

Logo

B-37

"Solve What Problems?"

Jim McCauley, Santa Clara County Office of Education

If Logo is a tool to help children learn how to solve problems, what problems are appropriate for Logo solution? Take a few steps beyond conventional turtle geometry to see some ways children have used Logo to explore physics, animal behavior, syllogistic logic, English grammar, game theory and knowledge representation.

Writing

A-27

"Composition, Creativity and Computers"

Valerie Arms, Drexel University

Using a word processing lab, students are freed from their inhibitions about bad spelling, handwriting and writing in general. They become fascinated with words when they can be manipulated electronically.

Special Education

D Commons

"New Technologies for Use in Special Education"

Diane Shepard, San Mateo County Office of Education

Demonstration of new computer hardware for use with special education students.

Elementary

B-23

"Microcomputers in Instruction — At School and At Home"

Darlene Russ-Eft, Donald McLaughlin and David Rubin, American Institutes for Research

Panel members will (1) discuss the potential of educational games, (2) present the findings of a federally-supported study examining needs for reading and writing software, and (3) consider the future roles of teachers.

Critical Thinking

A-16

"Active Learning Software"

Arlene Yanow

Computer software and activities to help you teach critical thinking. Problem-solving skills to make active learners out of passive ones.

General

B-24

"Setting Up a Computer Center"

Miriam Pasqual, Murray School District

How to organize and set up a computer center in your school.

Business Education

A-28

"Word Processing for the Educator"

Margaret Watkins, El Monte High School

What is word-processing? What can it do for the educator? How to evaluate word processing software.

General

B Commons

"PennLink — Statewide Electronic Communication and Networking"

Linda Walter, Pennsylvania Department of Education

Electronic communication and networking among educators has become one of the biggest issues in education in the last two years. Here is how one state has approached educational telecommunications, with tips on setting up a network.

Elementary

A-18

"Everything You Always Wanted to Know About a Computer, Without a Computer"

Carolyn O'Donnell, Consultant

Awaken your students to the fascinating world of computers. Games and activities: bugs, turtles, the mechanical man and flowcharting. Beginners welcome!

Logo

B-35

"An Introduction to Logo"

Jeff Haas, FOLK (Friends of LISP, Logo and Kids)

There is more to Logo than fancy computer graphics. What Logo is and how it works, with special emphasis on list processing.

Repeated at 3:00**Science**

B-19

"Teaching Physical Science With a Computer"

Hebard R. Olsen, Seaside High School

Mixing paper-based activities with computing activities to reduce the amount of computer resources necessary to teach physical science.

Repeated at 3:00**Networking**

D-33

"Teaching Programming in an Apple/Corvus Environment"

Kenneth Koppelman, Santa Rosa High School

A demonstration of the flexibility of the Corvus hard-disk system in teaching BASIC and Pascal. Included are student-authored Corvus utilities and examples of top-down programming in BASIC.

Repeated at 3:00**Hardware**

A-20

"A Computerized Classroom"

Marvin R. Winzenread, Cal State Hayward

Description of a new classroom at CSUH — a star network with special classroom capabilities.

Repeated at 3:00

2:00

Computer Literacy B-31
"Take a Byte of Learning-Center Activities"
 Sharon (Grande) Stoltzfus, Clark County School District
 Eight learning-center activities that help teach computer literacy to intermediate and junior high students. Activities are not dependent on access to a microcomputer. A comprehensive handout will be provided.

Repeated at 3:00

Computer Literacy A-33
"Teaching Application Software to 7th and 8th Graders"
 Roger Beebe, Modesto City School
 How to teach word processing, spreadsheet and database applications as part of a junior high computer literacy course.

Repeated at 3:00

Elementary A-36
"Computer Uses in Primary Classes"
 Shirley Wold, Bakersfield City Schools
 Uses of computers in primary classes: set-up, scheduling and types of programs.

Repeated at 3:00

General D-25
"Have Computer, Will Travel"
 Verne E. Mistretta, Alta Loma Junior high
 How we went from 6 computers in the junior high to 60 computers in the district in one year. Handout on teacher inservice.

Repeated at 3:00

Administration A-25
"How to Use the Assistant Principal Program Successfully"
 Dr. Harry Teitelbaum, Washington Unified School District
 How one school used the Assistant Principal computer program for class scheduling. Presentation will explain the program documentation step by step.

Repeated at 3:00

Counseling A-32
"Computerized Career Counseling"
 Marilyn Maze, Eureka Corporation
 The author of the only book on comparing computerized counseling systems will explain what to look for and how to distinguish among these systems.

Repeated at 3:00

General D-26
"How to Add a Little Adventure to Your Life"
 Computer adventure games can be classroom tools. A report on two years of student use, with listing of some available programs and tips for using adventure in curriculum areas.

Repeated at 3:00

Educational Technology A-35
"NDN Technology Programs That Work"
 Judy Brown, National Diffusion Network
 A 30-minute videotaped overview of selected NDN technology projects, followed by specific information on how to obtain awareness training and materials.

Repeated at 3:00

Networking A-31
"Secondary Corvus 'Show and Tell' "
 Marion Kenworthy, Saratoga High School
 A session just for present users of Corvus networks. Come prepared to show what you are using on your Corvus. This is a group participation session.

A 2-hour workshop.

Commercial

General B-20
"Authoring Systems: Easier Than You Think"
 Martin Levy, Bell and Howell
 What an authoring system is and what you need to know to develop your own courseware. Demonstration of Bell and Howell authoring systems will illustrate these points.

Repeated at 3:00

Computer Literacy A-14
"Visuals for Teaching Computer Literacy"
 Joyce Kupsh, National Instructional Systems, Inc.
 Demonstration of new and helpful teaching/learning aids. Included are overhead transparencies, student supplements, glossary and learning measurements.

Repeated at 3:00

Mathematics B-22
"Software for Algebra and Trig"
 Bob Evans, Wadsworth Electronic Publishing
 Demonstration of electronic study guide and blackboard packages for advanced algebra and trig. Discussion of classroom and lab use of microcomputers in math instruction.

Repeated at 3:00

Science D-32
"Atari Lab: A New Approach to Experimentation"
 Priscilla Laws, Dickinson College
 A laboratory station using an Atari computer. Science experiments which can be done at all levels will be described.

Repeated at 3:00

Special Education B-30
"Computer-Based Psycho-Educational Evaluation and Remediation"
 Michael R. Wilson, Academic Counseling and Education
 A cost- and time-effective computer-assisted procedure for educational assessment (CAPE: Computer-Assisted Psychoeducational Evaluation) and remediation (CEIO: Computer Enhancement of Educational Objectives).

Repeated at 3:00

Social Studies B-34
"SIMPOLICON: SIMulation of POLitical and eCONomic Development"
 Denny Daetz, Saratoga High School
 SIMPOLICON is a realistic simulation of the complex processes and problems of national economic development. It also emphasized critical thinking and problem-solving skills. The simulation can be played by groups of any size, is constantly interactive and completely flexible.

Repeated at 3:00

Networking B-21
"Why Networking?"
 Gary Kwok, Software Connections, Inc.
 Considerations for networking your classroom computer lab, with specific discussions of the Classroom Monitor Network Control software and Corvus' Omninet local area network.

Foreign Languages A-26
"Foreign Language Instruction on the TRS-80 Models III and IV"
 Robert Morrey, Cupertino High School
 User-friendly programs provide practice and a review of a large vocabulary and drill of grammatical topics. Written tests and review sheets can be produced, or students can take tests on the computer. This session will discuss (a) use of the materials in the author's classroom, (b) problems and advantages, and (c) user-entered data option.

2:00 *Commercial continued —*

Programming D-35 **"Karel the Robot: An Introduction to Programming Literacy in Pascal"**

Richard Pattis, Stanford University
 Karel's programming language will be presented and discussed. Special emphasis will be given to analyzing programs and proving their properties. Brief demo of the Karel software.

Repeat of 1:00

Software D-13 **"Sound-Enhanced Computer-Assisted Instruction"**

Staff, American Educational Computer, Inc.
 Digitized sound used for instruction in word attack skills, vocabulary, comprehension and study skills for first through third grades. Create your own lesson disks.

Logo D-31 **"Logo Workshop: Hands-On"**

Robin Radd, Atari Institute
 Hands-on workshop in Atari Logo using the staff and facilities of the IEC Atari van sponsored by the Atari Institute.

A 2-hour workshop. Repeat of 9:00

Logo B-36 **"Logo on the Commodore 64"**

Staff, Commodore Computers
 See the new Commodore 64 Logo with its SPRITE and music capabilities.

Repeat of 10:00

Social Studies D-15 **"SEARCH Series"**

Staff, McGraw-Hill/Webster Division
 Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.

Repeated hourly except 12:00

Administration D-19 **"SIMSYS Demonstration"**

Staff, Powell Associates
 School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.

Repeated hourly except 12:00

Computer Literacy K-23 **"Visuals for Teaching Computer Literacy/Telecommunications"**

Staff, National Instructional Systems
 Demonstration of new and helpful teaching/learning aids, including overhead transparencies, student supplements, glossary and learning measurement.

Repeated hourly except 12:00

Administration B-28 **"TeloSchool™ Elementary School Administrative Software"**

Staff, Telos Software Products
 TeloSchool is an administrative software package designed specifically for elementary schools. It stores student data in user-defined fields and generates customized reports and labels. This will be a "live" demonstration on Apple computers.

Repeated hourly except 12:00

Computer Literacy K-22 **"Computer Literacy"**

Courseware appropriate for statistical development, elementary and middle school students. Includes interactive simulations, terminology and basic BASIC. For Apple, TRS-80 and IBM Personal computers.

Reading, Mathematics D-20 **"Skillcorp Computer Management for Reading and Math"**

Staff, Skillcorp Software, Inc.
 Demonstration of a computer management system to manage reading and math objectives.

Repeated hourly except 12:00

Art/Music D-37 **"Computer-Assisted Instruction to Music"**

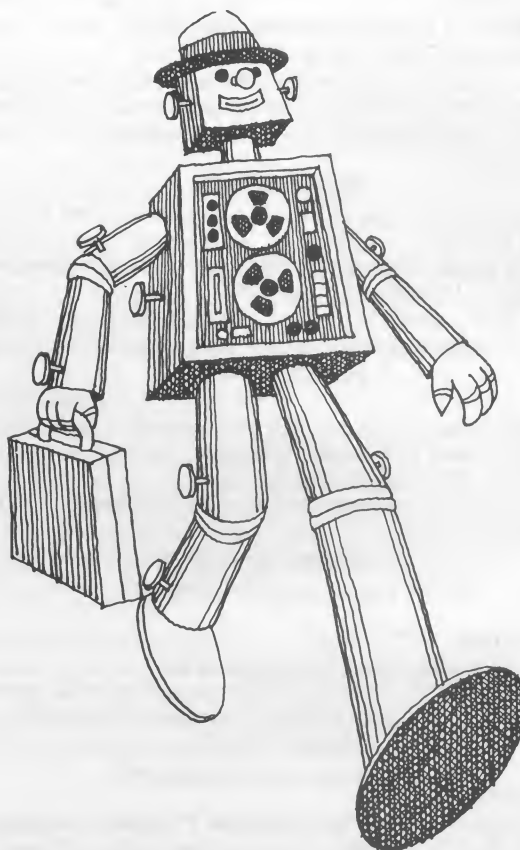
Staff, Syntauri Corporation
 Syntauri Corporation will demonstrate its new curriculum development program, "Simply Music," and show some practical applications.

Repeated hourly except 12:00

Logo K-39 **"IBM Logo Demonstration"**

Staff, IBM
 Demonstration of Logo for the IBM Personal Computer.

A 2-hour workshop. Repeat of 10:00 and 12:00



Logo

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Jeff Haas, FOLLK (Friends of LISP, Logo and Kids)

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Description of a new classroom at CSUH — a star network with special classroom capabilities.

Repeat of 2:00*Computer Literacy*

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Sharon Grande, Clark County School District

Eight learning-center activities that help teach computer literacy to intermediate and junior high students. Activities are not dependent on access to a microcomputer. A comprehensive handout will be provided.

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Uses of computers in primary classes: set-up, scheduling and types of programs.

Repeat of 2:00*General*

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How we went from 6 computers in the junior high to 60 computers in the district in one year. Handout on teacher inservice.

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Computer adventure games can be classroom tools. A report on two years of student use, with listing of some available programs and tips for using adventure in curriculum areas.

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A 30-minute videotaped overview of selected NDN technology projects, followed by specific information on how to obtain awareness training and materials.

Repeat of 2:00*Special Education*

D-27

"Computers and Special Education Students"

Nancy Stephens, Saratoga High School

Various uses of the computer in the high school special education classroom and comments on useful software.

Programming

D-35

"Fast Algorithms"

Richard Pattis, Stanford University

Fast algorithms for some important programming problems (sorting, for example) will be shown. These algorithms will be explained and analyzed using simple mathematics.

Programming

D-34

"Pascal Swap"

Evelyn Schmitt, Guest Lecturer at UCLS and Larry Wilson, Valley High School

Swap session — bring and share your Pascal programs that you have developed for teaching the Advanced Placement Computer Science class.

Repeat of 1:00 and 2:00*Critical Thinking*

A-34

"Kids and computers at Home"

Lynne Alper, Math Consultant

For parents who are new to the world of computers, a demonstration of good software for PETs and Apples.

Foreign Language

A-26

"Converting English Reading Software to Spanish"

Tom Ferguson, River City High School

A general procedure for the conversion of English reading software to Spanish. Elementary knowledge of BASIC required. Handouts included.

General

B-24

"A Survey of Computer Interests and Attitudes in Five Bay Area High Schools"

Milton Chen, Institute for Communication Research

Preliminary findings from a survey of high school students' computer interests, attitudes and experiences. Data were collected in May-June, 1983.

Elementary A-18
“Computer-Assisted Simulation”
 Watson Omohundro, ABC Unified School District
 A classroom simulation in which the children run a scale-model city assisted by the computer. Also, games in which children act out computer operations.

General B-23
“Funding a District-Wide Computer Program”
 Richard Smith, Clovis Unified School District
 Several unique ways to fund a district computer program. Emphasis will be placed on making computer education pay for itself. We have accumulated over \$846,000 dollars for computer education!

Commercial

Administration D Commons
“ClassRX: An Electronic Gradebook”
 James C. McCaig, Educational Systems Engineering
 A simple, fast and efficient grade-keeping system that displays and prints out student scores and grades, just like the teacher’s daily record book. You enter the scores; ClassRX does the rest. If you keep grades, this program is for you.

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“Authoring Systems: Easier Than You Think”
 Martin Levy, Bell and Howell
 What an authoring system is and what you need to know to develop your own courseware. Demonstration of Bell and Howell authoring systems will illustrate these points.
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 Repeat of 2:00

Networking B-27
“Educational Administrative Software for the Corvus Concept Workstation”
 Staff, Corvus, Inc.
 Administrative software package features the most powerful scheduling software anywhere on any computer. Other features include: attendance, testing, electronic spreadsheet, 3-dimensional business graphics, general ledger, accounts payable, accounts receivable, payroll and inventory control.
 A 90-minute workshop. Repeat of 9:00, 11:00 and 1:00

Social Studies D-15
“SEARCH Series”
 Staff, McGraw-Hill/Webster Division
 Demonstration of the SEARCH Series; social studies simulation activities recently adopted by the California State Board of Education.
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 School information system. Develop your own database for a variety of school uses. Statistics option, mailing labels, program evaluation, test scoring. Easily used by non-technical personnel.
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Acknowledgements

Conference Coordinator
Don McKell

Speaker Coordinators
Russ Bayley
LeRoy Finkel
Sandy Wagner

Registration
Don McKell

Commercial Workshops
Raymond Rogoway

Commercial Exhibits
Raymond Rogoway

Publicity
Marion Kenworthy

Friday Workshops
Glen Fisher

Friday Field Trips
Marla Aultschuler

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Jim McCauley

Typesetting/Graphics
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Printing
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Cover Illustration
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David Sykes

*Computer-Using Educators is an affiliate of the
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1983-84 Board of Directors

To reflect our role as the statewide computer education professional organization, **CUE** has expanded the Board of Directors both numerically (to 7) and geographically. A total of 7 nominations were received from members at large and from the nominating committee, so there will be no election (Whew!)

Continuing Members (completing 2-year terms):

Glenn Fisher — Alameda County Office of Education

Marion Kenworthy — Vice President, Saratoga High School, Saratoga

Don McKell — Teacher, Independence High School, San Jose

New Members

Barbara Carey — Butte County Office of Education

LeRoy Finkel — San Mateo County Office of Education

Bruce Fleury — Teacher, Magnolia Elementary School, El Cajon

Laura Woodward — Teacher, James Cox Elementary School, Fountain Valley

Non-Voting Non-Members (elder statespersons)

Bobby Goodson — Resource Teacher, Cupertino Union School District

Sandy Wagner — Santa Clara County Office of Education

Newsletter

This newsletter is published eight times per year and depends heavily upon your contributions and other input. Please send announcements, letters, opinions, programs, teaching ideas and curricula, reviews of software or hardware, humor (cartoons, anecdotes, jokes), quotable quotes, or anything else of interest to computer educators.

Submit material to:

Dr. Sandy Wagner, Editor

CUE Newsletter

127 O'Connor Street

Menlo Park, CA 94025

Deadlines for receipt of material (1983-84): Sept. 3, Oct. 28, Jan. 6, Mar. 2, May 4.

Advertising Policy: \$75 per half page; \$125 per full page. **Camera ready copy only.** About 500 copies are printed in addition to those mailed to members.

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Two Years	\$14.00	\$18.00	\$38.00	\$38.00

**NOTE: Institution membership is defined as one not accompanied by an individual's name.*

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CUE has a policy of being very selective about distribution of its mailing list. However, some members may wish to have their names removed when the list is made available to commercial or other professional groups.

☐ Check here if you wish to have your name *excluded* when the membership list is given or sold to other groups.

CONFERENCE NOTES



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Feenstra, Doris	11	D-26	McCaig, James C.	3	D Commons	Thornburg, David D.	2	A Commons
Ferguson, Tom	3	A-26	McCauley, Jim	2	B-37	Titen, Harold	1	D-26
Fish, Madeline	1	K-46	McGee, Louise	2	D-27	Vigil, Henry	10, 11	K-42
Flaherty, Carol	1	A-25	McLaughlin, Donald	2	B-23	Walker, Craig	9	B-22
Fletcher, Bill	10, 11	A-35	McCutchan, Linda	11, 12	(see map)	Walker, Terry	1	A-36
Ford, Marilyn Sue	10	A-31	McLean, John	9	D-26	Walter, Linda	2	B Commons
Fraser, Sherry	9	A-30	Means, Diane W.	12	A-20	Watkins, Margaret	2	A-28
Gauz, Howard	12	D Commons	Megill, David	12	D Commons	Watson, Nancy	11	B-33
Gazaway, Don	11, 12	D-34	Minsuk, Steve	11	D-32	Wedesweiler, June Ann	9, 10	A-22
Giganti, Paul	12	B-21	Mistretta, Verne E.	2, 3	D-25	Wilson, Larry	1	D-34
Gilkinson, Carol	11, 12	A-36	Morrey, Robert	1, 2	A-26	Wilson, Michael R.	2, 3	B-30
Glowinski, Debra	11, 12	B-22	Mowe, Richard	11, 12	D-25	Winebrener, Jim	10	A-34
Grande, Sharon	2, 3	B-31	Mulligan, Bonnie Sue	10, 11	A-27	Winzenread, Marvin R.	2, 3	A-20
Grossenbacher, Flo	9, 10	A-36	Nesbet, Helen	11, 12	D-27	Wold, Shirley	2, 3	A-36
Growald, Ursula S.	1	D-27	O'Brien, Thomas	11	D-33	Woodward, Laura	9	A-35
Gutierrez, Jose E.	11	C Commons	O'Donnell, Carolyn	2	A-18	Yanow, Arlene	2	A-16
Haas, Jeff	2, 3	B-35	Olsen, Hebard R.	9	D-32	Zeddies, Melven	12, 1	B-24
				1	B-22			
				2, 3	B-19			